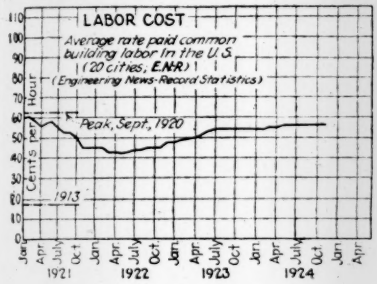
CONSTRUCTION NEWS

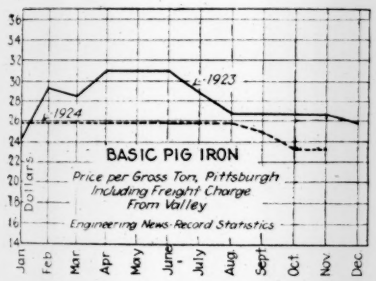
Engineering News-Record, November 6, 1924

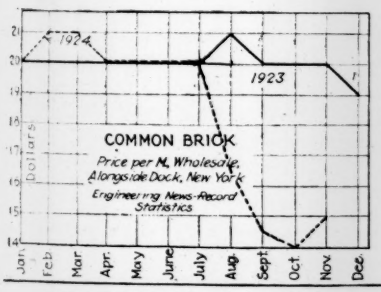
The Construction Barometer

Lettings for First Ten Months Ahead of Same Period in 1923—Trend Is Toward Public Work, Particularly Large Commercial Buildings—Few Price Changes—Slight Excess of Declines

CONTRACTS awarded during the first ten months of this year were 4 per cent greater in total money value than for the corresponding period last year. The gains were mostly in bridges, excavations, streets, roads and commercial buildings. There were fewer lettings, however, for waterworks, sewers, industrial construction and Federal Government jobs. Industrial lettings this year were 25 per cent under the first ten months of 1923. From present indications the trend is toward public work, particularly large commercial buildings, and not so much in the direction of further industrial expansion. There are very few changes being made in price schedules at the present time. Among those that occurred this week the declines were slightly in excess of advances.







Engineering News-Record Statistics

Minimum on waterworks and excavations, $15,000; other public work, $25,000; industrial buildings, $40,000; commercial buildings, $150,000.

VALUE OF LARGE CONTRACTS LET IN THE UNITED STATES

Week Ended	Public Work	Private Work	Total Contracts
Oct. 16	$13,291,000	$17,012,000	$30,303,000
Oct. 23	18,762,000	30,127,000	48,889,000
Oct. 30	25,313,000	21,448,000	46,761,000
3 weeks	$57,366,000	$68,587,000	$125,953,000

LARGE BUILDING CONTRACTS—NUMBER AND VALUE

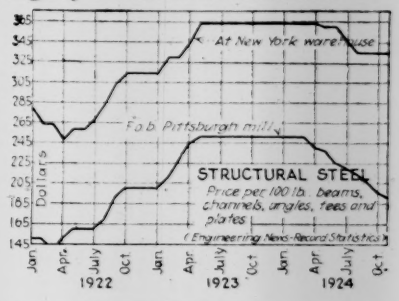
Week Ended	Commercial: Public No.	Commercial: Public Thousand	Commercial: Private No.	Commercial: Private Thousand	Industrial No.	Industrial Thousand
Oct. 16	8	$1,699	49	$15,537	16	$910
Oct. 23	11	1,859	50	23,547	35	4,580
Oct. 30	11	4,173	24	19,245	23	1,659
3 weeks	30	$7,731	123	$58,329	74	$7,149

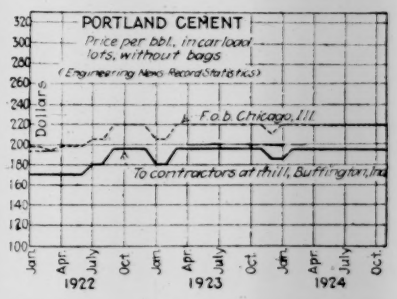
NUMBER OF LARGE JOBS NOW OUT FOR BIDS

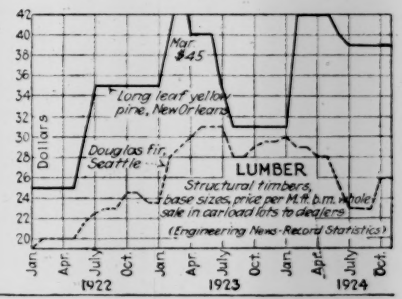
Week Ended	Private	Commercial Buildings	Streets and Roads	Waterworks and Sewers	All Public
Oct. 16	23	31	47	28	172
Oct. 23	26	37	51	28	166
Oct. 30	17	39	43	45	191

AVERAGE COMMON LABOR RATE FOR U. S. UNCHANGED IN SEVEN MONTHS

	Quoted on Nov. 6 at	Last Price Change Was	On
Structurals, Pittsburgh, 100 lb.	$1.80 @ 2.00	$1.90 @ 2.00	Oct. 23
Cement, Chi., net bbl.	2.20	2.10	Jan. 24
Pine, N. Y., M. ft.	55.00	56.00	Oct. 2
Fir, San Fran., M. ft.	29.00	31.00	Oct. 30
Common labor, hr.	.56	.55	Apr. 2







PROPOSALS

For proposals Advertised see the pages immediately following the "Construction News" Section.

WATERWORKS

Bids Close		See Eng. News-Record
Nov. 7	Long Island City, N. Y.	Oct. 30
Nov. 8	Irving, Tex.	Oct. 30
Nov. 10	Sebring, Fla.	Oct. 16
Nov. 10	Whittier, Calif.	Oct. 30
Nov. 10	Boston, Mass.	Nov. 6
Nov. 10	New York, N. Y.	Nov. 6
Nov. 12	Detroit, Mich.	Oct. 30
Nov. 12	New York, N. Y.	Nov. 6
Nov. 14	Schaghticoke, N. Y. Adv. Nov. 6.	Nov. 6
Nov. 17	Brockport, N. Y. Adv. Oct. 23 to Nov. 6.	Oct. 23
Nov. 17	Park Falls, Wis.	Nov. 6
Nov. 17	Ocean Grove, N. J.	Nov. 6
Nov. 18	Denver, Colo. Adv. Oct. 30 and Nov. 6.	Oct. 30
Nov. 19	El Centro, Calif.	Oct. 30
Nov. 20	Denver, Colo. Adv. Oct. 30 and Nov. 6.	Oct. 30
Nov. 21	Flint, Mich. Adv. Nov. 6.	Nov. 6
Nov. 24	Coconut Grove, Fla. Adv. Oct. 30 and Nov. 6.	Oct. 30
Nov. 26	Windsor, Ont. Adv. Nov. 6.	Nov. 6

SEWERS

Bids Close		See Eng. News-Record
Nov. 10	Hamden (New Haven P. O.), Conn.	Oct. 30
Nov. 10	Deerfield, Ill.	Oct. 30
Nov. 11	St. George, N. Y.	Nov. 6
Nov. 11	Oklahoma City, Okla.	Nov. 6
Nov. 13	Teaneck (West Englewood P. O.), N. J. Adv. Oct. 30 and Nov. 6.	Nov. 6
Nov. 14	Louisville, Ky. Adv. Oct. 16 to Nov. 6.	Oct. 16
Nov. 14	Milwaukee, Wis.	Oct. 30
Nov. 14	St. Louis, Mo.	Oct. 23
Nov. 17	Maryland	Nov. 6
Nov. 18	Sharon, Pa. Adv. Oct. 30 and Nov. 6.	Oct. 30
Nov. 19	Grand Rapids, Mich. Adv. Oct. 23 to Nov. 6.	Oct. 23
Nov. 20	Larchmont, N. Y. Adv. Oct. 30 and Nov. 6.	Oct. 30
Dec. 9	New Orleans, La. Adv. Oct. 16 to Nov. 6.	Oct. 16

BRIDGES

Bids Close		See Eng. News-Record
Nov. 8	Milwaukee, Wis.	Nov. 6
Nov. 10	Michigan	Oct. 30
Nov. 11	Detroit, Mich.	Oct. 30
Nov. 11	Illinois	Nov. 6
Nov. 12	Alabama	Oct. 23
Nov. 12	Florida	Oct. 16
Nov. 12	Michigan	Oct. 30

Bids Close		See Eng. News-Record
Nov. 13	Brady, Neb.	Oct. 30
Nov. 14	Pierre, S. D.	Oct. 16
Nov. 17	Edwards, Kan.	Oct. 30
Nov. 17	New Jersey	Oct. 30
	Adv. Oct. 30 and Nov. 6.	
Nov. 18	Tangipahoa, La.	Oct. 30
Nov. 18	Merced, Calif.	Oct. 23
Nov. 18	Kaukauna, Wis.	Oct. 23
Nov. 18	Boston, Mass.	Oct. 30
Nov. 25	Enterprise, Kan.	Nov. 6
Dec. 15	New Orleans, La.	Oct. 30
	Adv. Oct. 30 and Nov. 6.	

EXCAVATION, DRAINAGE IRRIGATION, LEVEES

Nov. 12	Tracy, Calif.	Oct. 30
Nov. 14	Bennettsville, S. C.	Oct. 30
Nov. 15	Vankleek Hill, Ont.	Oct. 30
Nov. 18	New York	Oct. 23
	Adv. Oct. 23 to Nov. 6.	
Dec. 1	St. Catherines, Ont.	Oct. 30

STREETS AND ROADS

Nov. 7	Akron, O.	Oct. 30
Nov. 7	Long Island City, N. Y.	Oct. 30
Nov. 10	British Columbia	Oct. 23
Nov. 10	San Diego, Calif.	Oct. 30
Nov. 10	Corpus Christi, Tex.	Oct. 30
Nov. 11	Michigan	Oct. 2
Nov. 11	Norman, Okla.	Oct. 30
Nov. 11	Wetumka, Okla.	Oct. 30
Nov. 11	Massachusetts	Nov. 6
Nov. 12	Alabama	Oct. 23
Nov. 12	Washington	Oct. 30
Nov. 12	San Marino (Los Angeles P. O.), Calif.	Oct. 30
Nov. 12	Auburndale, Fla.	Nov. 6
Nov. 12	Brooklyn, N. Y.	Nov. 6
Nov. 12	St. George, N. Y.	Nov. 6
Nov. 14	Linden, Tex.	Nov. 6
Nov. 14	South Dakota	Nov. 6
Nov. 14	Nebraska	Nov. 6
Nov. 17	San Diego, Calif.	Nov. 6
Nov. 17	Okeechobee, Fla.	Oct. 23
	Adv. Oct. 23 to Nov. 6.	
Nov. 18	St. Paul, Minn.	Nov. 6
Nov. 18	Louisiana	Nov. 6
Nov. 18	Neosho, Mo.	Nov. 6
Nov. 20	Concordia, Kan.	Oct. 23
Nov. 24	California	Nov. 6
Nov. 25	Richmond, Va.	Nov. 6
	Adv. Nov. 6.	
Nov. 26	Illinois	Oct. 30
Nov. 26	Oswego, Kan.	Oct. 30
Nov. 26	Alabama	Nov. 6
Dec. 17	Illinois	Nov. 6

BUILDINGS—INDUSTRIAL

Nov. 14	Milwaukee, Wis.	Nov. 6

BUILDINGS—COMMERCIAL

Nov. 7	Wilkes Barre, Pa.	Nov. 6
Nov. 10	Warren, O.	Nov. 6
Nov. 10	Warren, O.	Oct. 16
Nov. 10	Oakmont, Pa.	Oct. 23
Nov. 10	Los Angeles, Calif.	Oct. 30
Nov. 10	Lakewood (Cleveland P. O.), O.	Oct. 30
Nov. 10	New Orleans, La.	Oct. 30
Nov. 10	Detroit, Mich.	Oct. 30
Nov. 10	Easton, Pa.	Oct. 30
Nov. 11	San Jose, Calif.	Oct. 30
Nov. 11	New York, N. Y.	Oct. 23
Nov. 11	Marshall, O.	Nov. 6
Nov. 12	Kings Park, N. Y.	Oct. 16
	Adv. Oct. 16 to Nov. 6.	
Nov. 12	Central Islip, N. Y.	Oct. 23
Nov. 12	Urbana, Ill.	Oct. 23
	Adv. Oct. 23 to Nov. 6.	
Nov. 12	San Francisco, Calif.	Oct. 30
Nov. 12	Independence, Mo.	Nov. 6
Nov. 12	Milwaukee, Wis.	Nov. 6
Nov. 14	St. Louis, Mo.	Oct. 16
Nov. 14	Madison, Wis.	Oct. 30
Nov. 14	Los Angeles, Calif.	Nov. 6
Nov. 15	Greenville, Mo.	Oct. 23
Nov. 15	Omaha, Neb.	Oct. 23
Nov. 15	Paragould, Ark.	Oct. 23
Nov. 15	Muskegon, Mich.	Oct. 30
Nov. 15	Corsicana, Tex.	Nov. 6
Nov. 17	Sparta, Wis.	Nov. 6
Nov. 18	Detroit, Mich.	Nov. 6
Nov. 18	Denver, Colo.	Oct. 30
Nov. 18	Brooklyn, N. Y.	Oct. 30
Nov. 19	Kings Park, N. Y.	Oct. 23
	Adv. Oct. 23 to Nov. 6.	
Nov. 19	Baltimore, Md.	Nov. 6
Nov. 19	Boston, Mass.	Nov. 6
Nov. 21	Columbus, Mo.	Nov. 6
Nov. 25	Oklahoma City, Okla.	Nov. 6
Nov. 25	New Brighton, N. Y.	Nov. 6
Nov. 25	New Dorp (Sta. Staten Island), N. Y.	Nov. 6
Nov. 25	New York, N. Y.	Nov. 6
Nov. 27	Camden, N. J.	Oct. 16
Dec. 1	McAllen, Tex.	Nov. 6
Dec. 1	Raleigh, N. C.	Nov. 6
	Adv. Nov. 6.	
Dec. 2	Wilkes Barre, Pa.	Nov. 6

FEDERAL GOVERNMENT WORK

Nov. 7	Extension—Camden, N. J.	Oct. 23
Nov. 8	Steel Barges — Buffalo, N. Y.	Oct. 16
	Adv. Oct. 16 to Nov. 6.	
Nov. 8	Dredging—Norfolk, Va.	Oct. 9
Nov. 10	Post Office—Pillston, Pa.	Oct. 16
Nov. 11	Storehouse — Gulfport, Miss.	Oct. 23
Nov. 12	Pontoon Catamarans—Jacksonville, Fla.	Nov. 6
	Adv. Oct. 30 and Nov. 6.	
Nov. 12	Levee Work—St. Louis, Mo.	Oct. 30
	Adv. Oct. 30 and Nov. 6.	
Nov. 12	Post Office—Minneapolis, Minn.	Oct. 30
Nov. 14	Water Distribution System — Baltimore, Md.	Oct. 30
Nov. 16	Pier—Seattle, Wash.	Oct. 30
Nov. 17	Remodeling — Wichita, Kan.	Nov. 6
Nov. 19	Additions—Newport, R. I.	Oct. 30
Nov. 19	Garage—Point St. George, Calif.	Nov. 6
Nov. 21	Remodeling — Worcester, Mass.	Nov. 6
Nov. 24	Breakwater—Burlington, Vt.	Oct. 23
	Adv. Oct. 23 to Nov. 6.	
Nov. 25	Post Office—Rochester, Ind.	Nov. 6
	Adv. Oct. 30 and Nov. 6.	
Nov. 26	Excavation — Wilmington, Del.	Nov. 6
Nov. 26	Excavation—Delaware and Maryland	Oct. 30
	Adv. Oct. 30 and Nov. 6.	
Nov. 28	Breakwater, etc.—Boston, Mass.	Nov. 6
	Adv. Nov. 6.	
Dec. 3	Sewerage System Improvements—Great Lakes, Ill.	Oct. 30
Dec. 5	Dredging — Providence, R. I.	Nov. 6
	Adv. Nov. 6.	
Dec. 9	Buildings — San Fernando, Calif.	Oct. 30
	Adv. Oct. 30 and Nov. 6.	
Dec. 9	Breakwater—Milwaukee, Wis.	Nov. 6
	Adv. Nov. 6.	
Dec. 23	Store House—Pearl Harbor, H. T.	Oct. 30

UNCLASSIFIED

Nov. 7	Concrete Walls—Fort Edward, N. Y.	Oct. 30
Nov. 12	Tunnel Approach—New York, N. Y.	Oct. 16
Nov. 12	Culvert — Columbia, La.	Nov. 6
Nov. 14	Miscellaneous Construction — New York, N. Y.	Nov. 6
Nov. 20	Caissons—Esquimalt, B. C.	Oct. 30
Nov. 25	Tunnel—Boston, Mass.	Oct. 23
	Adv. Oct. 23 to Nov. 6.	

MATERIAL AND EQUIPMENT

Nov. 11	Pump—Toronto, Ont.	Oct. 9
Nov. 11	Steel Beams — Boston, Mass.	Oct. 30
Nov. 11	Concrete Mixer—Manteca, Calif.	Oct. 30
Nov. 14	Rails—New York, N. Y.	Nov. 6
Nov. 24	Cable, etc. — Melbourne, Australia	Sept. 11
Dec. 1	Transformers, etc. — Melbourne, Australia	Sept. 11

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

Fla., Deland—Election Nov. 28, $130,000 bonds extending waterworks. S. D. Jordan, city clk.

Miss., Hazelhurst—Making plans water and light plant. $50,000. H. A. Mentz, Magnolia, consult. engr.

Mich., Clawson—Made plans 17,200 ft. 8 in. and 26,500 ft. 6 in. c.i. mains, etc. in various streets. Ruhling & Holdsworth, 16549 Woodward Ave., Highland Park, engrs.

Ill., Princeton—Making preliminary plans filtration plant and waterworks improvements. Pearce, Greely & Hansen, 10 North Michigan Ave., Chicago, engrs.

Wis., Shawano—D. E. Wescott, city clk., soon takes bids rein.-con. reservoir, 200,000 gal. capacity, also pumping apparatus. To exceed $15,000. L. P. Polichek, Clintonville, engr.

Ia., Plover—Making plans waterworks. $15,000. W. E. Buell & Co., Davidson Bldg., Sioux City, engrs.

Kan., Belpre—Election Dec. 2, $34,000 bonds for waterworks. F. E. Devlin, 614 Bitting Bldg., Wichita, engr.

Mo., Appleton City—Making preliminary plans, water works, pumping plant, reservoir, distribution mains, etc. $50,000. Burns & McDonnell, 402 Interstate Bldg., Kansas City, engrs.

Mo., Fredericktown—Election soon, $110,000 bonds for waterworks and distribution system, etc. C. A. Haskins, 517 Dwight Bldg., Kansas City, engr.

Mo., Salem—Making preliminary surveys waterworks, distribution and sanitary sewerage systems, etc. To exceed $75,000. Alexander Eng. Co., Springfield, engrs.

Tex., Coleman—Election Nov. 15, $165,000 bonds waterworks improvements. E. P. Scarbrough, mayor.

Tex., Ft. Worth—City and Tarrant Co. voted permission to Commissioners to issue warrants to pay all expenses for engineering work to determine cost of water conservation program. $28,000. F. Moore, co. judge. W. Burton, mayor.

Tex., Paducah—Election Nov. 18, $125,000 bonds installing waterworks. J. W. Carroll, mayor. Noted Sept. 11.

Tex., Port Arthur — Terrell Bartlett engr., c/o City Hall, soon takes bids new waterworks system for City. $48,000. Noted Oct. 16.

Tex., San Antonio—San Antonio Water Supply Co., 106 Market St., making plans new building for Mission pumping station and doubling size of plant by addition of new well, machinery includes large pumper motors, etc. $50,000. Private plans.

Ariz., Flagstaff—Election in November, $400,000 bonds for water works improvements, incl. 50 m.g. concrete reservoir, 15 mi. 14 in. steel pipe line, etc. Burns-McDonnell-Smith Eng. Co., 415 Marsh-Strong Bldg., Los Angeles, Calif., engrs. Noted May 15.

Wash., Auburn—Plans election $214,000 bonds water system, at Rock Creek Springs. W. J. Roberts, P. S. Bank Bldg., Tacoma, hydraulic engr.

Wash., Everett—City Council plans steel pipe line at Eby Slough crossing, replacing present c.i. pipe. $40,000. C. Klapp, water supt.

Wash., Port Angeles—See "Dams."

Calif., Calipatria—Plans election $50,000 bonds for water system and filtration plant. P. N. Myers, city clk.

Calif., Oakdale—Plans to purchase 600 g.p.m. turbine pump. G. Macomber, city engr.

Calif., San Diego — See "Excavation, Drainage, Irrigation, Levees."

Ont., Islington—Etobicoke Twp. plans 11,000 ft. 6 and 8 in. c.i. mains in various streets. $25,000. N. MacNichol, Islington, engr.

BIDS DESIRED

Mass., Boston—Nov. 10, by Supply Dept., City Hall, furnishing about 183,000 lb. iron castings, consisting of hydrant and gate stock, to Pub. Wks., Dept., Water Service. F. P. Rock, supt.

N. Y., New York—Nov. 10, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in Wythe Pl., Edgewater Rd., Arlington, Claflin, Fairfield, Longwood, Netherland, Popham and Seneca Aves., Miriam, East 169th, East 197th, West 231st and West 232nd Sts.

N. Y., New York—Nov. 12, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in Gun Hill Rd., Baychester, Boller, Hunter, Leggett, Palmer, Randall, Stillwell and Van Cortlandt Aves., also mains, transferring taps and rearranging connections in Haven, 9th and 3rd Aves., East, Service (Riverside Dr.) West 13th, West 14th, West 181st and West 205th Sts.

N. Y., Schaghticoke—Nov. 14, by Bd. Village Trustees, waterworks system incl. pump house, filtration plant, well, etc. G. R. Solomon, 257 Bway., Troy, consult. engr.; adv. E. N.-R. Nov. 6.

N. J., Ocean Grove—Nov. 17, by Ocean Grove Camp Meeting Assn., 650,000 gal. rein.-con. reservoir. Clyde Potts, 30 Church St., New York City, engr.

Mich., Flint — Nov. 21, by F. D. King, city clk., 16,500 f.t 48 in. steel or concrete pressure main, etc. J. L. Transue, mayor; adv. E. N.-R. Nov. 6.

Wis., Park Falls—Nov. 17, by J. J. Stauber, city clk., 125,000 gal. elevated tank, 125 ft. high, and 8,500 lin.ft. 8 in. c.i. pipe. Will install c.i. pipe by day labor. To exceed $15,000. W. F. Reichardt, Main St., Watertown, engr.

Ont., Windsor—Nov. 26, by R. B. Braid, secy. Essex Border Utilities Comr., Heintz-

Waterworks (Continued)

man Bldg., pumping station, steel intake, etc. J. C. Keith, ch. engr. Gore, Nasmith & Storrie, Confederation Life Bldg., Toronto, consult. engrs.; adv. E. N.-R. Nov. 6.

BIDS RECEIVED

N. Y., Long Island City—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York, mains in Rockaway Blvd., Burnside and McNeil Aves., here, from Beaver Eng. & Contg. Co., 57 Chambers St., New York, $285,984. Noted Oct. 30.

N. Y., St. George—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York, mains in Emerson Dr., Johnston Terrace, Olive, Douglas, Edinboro and Sings Rds., Clermont, Kingsley, Portland and Rokeby Places, Adams, Corson, Forest, Hamilton, Hunter, Sommer, Van Name and Wheeler Aves., Marianne, 2nd, 4th, 5th and 6th Sts., from N. DeStefano, 257 Glenn Ave., Tompkinsville, $18,450. Noted Oct. 23.

O., Cleveland—Cuyahoga Co., 16,000 ft. 6- to 12-in. c.i. mains in various streets, from Joseph Co., Prospect-Fourth Bldg., $82,245.

Calif., Lincoln—City Trustees c.i. water system, from H. Gould, 1022 27th St., Sacramento, $94,395. Noted Oct. 23.

CONTRACTS AWARDED

N. Y., Brooklyn—N. J. Hayes, comr. Water Supply Gas & Electricity, Municipal Bldg., New York, mains in Baughman Pl. and under Coney Island Boardwalk, Bedford, Hegeman, and Troy Aves., etc., here, to Knight & DeMicco, Inc., 448 East Tremont Ave., New York, $26,585. Noted Oct. 23.

N. Y., Long Island City—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York, mains in Ayer, Edsall, Joy and Montgomery Aves., Hosack and Van Horn Sts., etc., to J. A. Gregory, 351 East 124th St., New York, $17,539; mains in North Railroad, Otis and 57th Avese., etc., to Norton & Rigney, Richmond Hill, $21,464. Noted Oct. 23.

N. Y., New York—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in White Plains Rd., Bogart, Croes, Ellis Aves., etc., to Melrose Constr. Co., 230 East 162nd St., $50,960. Noted Oct. 23.

O., Carrollton—Bd. Pub. Affairs, rein.-con. reservoir and 14,000 ft. 10 in. c.i. pipe line, to Nicholas Bros., Canton, approximately $85,000. Noted Oct. 9.

O., Columbus—See "Streets and Roads."

Mo., Higginsville—For 20 x 700 ft. earth fill dam, concrete core, etc., 2.4 mi. 8 in. c.i. pipe, 2.4 mi. 2,300 volt electric line, pumps, 100,000 gal. tank on tower, 3,180 ft. 10- and 12-in. sanitary sewer, sewage disposal plant, to Conner Constr. Co., 814 New York Life Bldg., Kansas City, $94,900. Noted Oct. 3.

Minn., Minneapolis—Will lay mains and construct filtration plant by day labor. $500,000 and $1,000,000 respectively. W. R. Young, registrar Waterworks Dept. Bids will be taken on material.

Ont., Islington—Etobicoke Twp., laying, etc., 4 mi. c.i. mains, to Huffman & Hardwood, Humber Bay, $9,889; furnishing c.i. pipe, to Natl. Iron Corp., Cherry St., Toronto, $25,740; gate valves, to T. McAulty & Sons, 95 King St. E., Toronto, $1,044; valve boxes, to Drummond McCall & Co., 373 Front St. E., Toronto, $462, etc.

Sewers

PROPOSED WORK

Mass., Melrose—Plans sewerage system, main drains and surface drains in various streets. $25,000. Bd. Alderman, Melrose, engrs.

N. Y., Astoria—M. E. Connolly, pres. Queens Boro., Queens Subway Bldg., Long Island City, soon takes bids sewers in Singer St., Winthrop and 2nd Aves., here.

N. Y., Auburndale (Flushing P. O.)—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., Long Island City, soon takes bids sewers, here. $350,000.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro., Boro Hall, rejected bids Oct. 20, temporary sewer in New Dorp, Oakwood and vicinity. Will readvertise. Noted Oct. 23.

Fla., Deland—Election Nov. 28, $35,000 bonds extending sewerage system. S. D. Jordan, city clk.

Fla., Frostproof—Election Nov. 17, $33,000 bonds constructing sewerage system in various streets. F. B. Barbour, city clk.

Mich., Detroit—Making plans vitr. crock and brick lateral sewers 23,591 ft. Lateral 4228, 481 ft. 30 in. and 364 ft. 33 in. cylinder, 22,476 ft. 20- to 24-in. crock, 1,290 ft. Lateral 4230, 10- to 18-in. crock, 8,075 ft. Lateral 4242, 12- to 20-in. crock, 806 ft. Lateral 4247, 24-in. crock, 5,204 ft. Lateral 4251, 12- to 18-in. crock, 2,212 ft. Lateral 4258, 12- to 20-in. crock. G. Jerome, city engr.

Ill., Carbondale—Takes bids about Nov. 20 to Dec. 1, sanitary sewerage system, also made plans brick or concrete paving, curbing and widening various streets. $50,000. P. B. Wilson, 1st Natl. Bank Bldg., Marion, engr.

Ill., Carterville — Making preliminary plans sanitary sewerage system and disposal plant. $150,000. Caldwell Engr. Co., Jacksonville, engr.

Mo., Pattonsburg — Making preliminary plans complete sanitary sewerage system, disposal plant, etc. Black & Veatch, 701 Mutual Bldg., Kansas City, engrs.

Tex., Bastrop—P. C. Maynard, mayor, plans sewerage system. $30,000. M. G. O'Neil, 2906 Maple Ave., Dallas, engr.

BIDS DESIRED

N. Y., Brooklyn—Nov. 12, by E. Riegelmann, boro pres. Boro Hall, sewers in Rutland Rd., Wythe, Utica, Albany, Ocean, 16th, Bedford and 9th Aves., 62nd, East 94th, East 28th, East 46th, West 9th, West 6th, 67th, and Richardson Sts; removing sludge from sewer in Johnson Ave.

N. Y., St. George—Nov. 11, by J. A. Lynch, pres. Richmond Boro., Boro Hall, temporary sanitary sewers in New Dorp, Oakwood and vicinity. Former bids rejected. Noted Oct. 23.

N. J., Teaneck (West Englewood P. O.) —Nov. 13, by Twp. Com., Town Hall, vitr. sewers, sewage pumping plant, and sewage treatment plant. Sanborn & Bogert, 30 Church St., New York City, consult. engrs.; adv. E. N.-R. Nov. 6.

Maryland—Nov. 17, by Comrs. Baltimore Co., Court House, Towson, sewers and appurtenances in Colgate and Catonsville. A. E. Walden, ch. engr.; adv. E. N.-R. Nov. 6.

Minn., St. Paul — Nov. 3, by H. W. Austin, city purch. agt., Belt-Line-Phalen and Hazel Park sewerage system, Contr. E-F, Maryland-White Bear Branch. $50,000.

Mo., Sullivan—Taking bids 10,000 ft. 6 and 8 in. sewer, etc., in Sewer Dist. 1. Alexander Eng. Co., Springfield, consult. engrs. G. M. Hornberger, City Hall, engr.

Okla., Oklahoma City — Nov. 11, by M. Peshek, Jr., city clk., 49,000 ft. 8- to 15-in. concrete sewer extensions in College Hill, Heronville and Bolts additions, etc. $1000,-000. B. M. Hart, City Hall, engr.

Calif., Pismo Beach—Taking bids constructing ocean outfall and sewage disposal plant. $32,000 available. Former bids rejected. Noted Oct. 9.

Calif., San Pablo—San Pablo Sanitary Dist., taking bids 33,518 ft. 6 and 8 in. vitr., 100 lin.ft. 6 and 8 in. c.i. sewer, etc., in Alvarado St. R. L. Calfee, 221 South 22nd St., Richmond, engr. Noted Oct. 16.

Calif., Williams — City Trustees taking bids 16,600 lin.ft. 6 and 8 in. vitr., and 14,-200 lin.ft. 10 and 12 in. vitr. or concrete sewer, 11,000 wye branches, 1 disposal plant, etc. C. E. Sloan, Santa Fe Bldg., San Francisco, engr.

BIDS RECEIVED

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., sewers in (1) Bway. (2) Saull St., A and B, from J. Gallo, 203 Division St., Brooklyn, (1A) $227,847; from A. Paino, Corona, (1B) $205,439; from Necar Co., Inc., 97 Court St., Brooklyn (2A) $249,500; from Kennedy & Smith, Inc., 93 Amity St., Flushing, (2B) $237,149. Noted Oct. 30.

N. J., Trenton—Bd. City Comrs., Municipal Bldg., Oct. 31, sewage treatment works, from J. Sigretto, Bernardsville, $1,056,000; from Karno-Smith Co., Broad St. Bank Bldg., $1,212,000; from J. P. White & Co., 212 Washington Pl., Passaic, $1,150,000; from A. Newton Bugbee, 206 East Hanover St., $1,300,000. Noted Oct. 23.

Calif., Alhambra—For rein.-con. storm sewer in Ramona Blvd., etc., from Cullak and Bebeck, 425 West 7th St., Los Angeles, $52,480.

Calif., Glendale—City, outfall sewers in Sect. 1, from C. and G. K. Thompson, Brockman Bldg., Los Angeles, $515,000; Sect. 2, from C. E. Green, Western Mutual Bldg., Los Angeles, $396,784; Sect. 3, from R. A. Wattson, 4907 Melrose St., Los Angeles, $336,000. Noted Oct. 9.

CONTRACTS AWARDED

N. Y., Long Island City — See "Streets and Roads."

Pa., Phila. — Intercepting sewer along Pennypack Creek from point 843 ft. northwest of Welsh Rd. to point 430 ft. northwest of Gilmore St., to Ryan Constr. Co., 735 Real Estate Trust Bldg., $247,045; underground electric wiring, lighting units and signals for Northeast Sewage Treatment Wks., Wheatsheaf Lane east of Richmond St., to W. P. Pangborne, 1927 West Mongtomery St., $28,384. Noted Oct. 30.

O., Columbus—See "Streets and Roads."

O., Toledo—Lucas Co., constructing ditch and 2,545 lin.ft. 20 and 24 in. vitr. clay sewer in Detroit Ave., to T. J. Kelly, Avondale Ave., $19,574. Engrs. est. $32,000.

Ill., Elgin—Sanitary Dist. of Elgin, intercepting sewers for Fox River Branch, Contr. 1, to J. Brogan & Sons, Green Bay, Wis., $274,210; sewage plant, Contr. 2, to W. J. Newman Co., 21 North Curtis St., Chicago, $435,210. Noted Oct. 2.

Minn., Minneapolis — Will construct sewer mains and laterals by day labor. Bids to be taken on material. $800,000. C. Ilstrup, sewer engr.

Mo., Higginsville—See "Waterworks."

Okla., Tulsa—City, Job 7-R, 1,760 ft. 108 in. rein.-con. sewers with brick invert, 750 ft. 78 in. rein.-con. sewers with segment block, etc., in Job 7-R, to H. L. Cannady Co., 1122 South Lewis St., $57,019; Job 9-R, to W. E. Dewitt, 216 Cole Bldg., $5,848.

Calif., Los Angeles — Los Angeles Co., rein.-con. tunnel and storm sewer in Altedena St. between Marengo Ave. and Arroyo Seco, to De Waard and Cobham, Granger Bldg., San Diego, $119,896.

Bridges

PROPOSED WORK

Massachusetts—Dept. Pub. Wks., State House, Boston, plans plate girder bridge and probably bituminous macadam approaches over Boston & Albany R.R. tracks between Springfield and Westfield. W. F. Williams, comr.

N. Y., Brooklyn—Bd. Estimate, Municipal Bldg., New York, plans bridge over Newtown Creek, here. $1,000,000.

N. J., Red Bank — State Hy. Dept., Trenton, plans 1,100 ft. concrete and steel bridge, 38 ft., over Shrewsbury River, here. $500,000. W. G. Sloan, state engr.

Pa., Harrisburg—Harrisburg Bridge Co. made plans 3,612 ft. steel and concrete bridge across Susquehanna River at Market St. Bridge consists of 1,418 ft. steel section in which old steel from entire bridge will be used, also 1,404 ft. concrete arch section on which bids will not be received until after Jan. 1, and 790 ft. City Island section on which bids will be received soon. $1,500,000. R. Mojeska & F. Masters, Calder Bldg., engrs.

Tennessee — State Dept. Hys. & Pub. Wks., Nashville, plans in 1925 bridge over Tennessee River near Selmer, Perryville or Johnsville, $1,000,000. J. G. Creveling, comr.

Kan., Salina — Salina Co. making preliminary plans one 120 ft. and two 30 ft. steel span bridge, concrete foundation, etc., 20 ft. roadway, on Bee Line Rd., Sta. 121 plus 95, Federal Aid Project 147. W. H. Cost, Salina, engr.

Kan., Winfield—Cowley Co. making preliminary plans constructing Trilby Bridge two 36 ft. and one 100 ft. steel spans, 24 ft. roadway. $25,000. W. S. Ruggles, Jr., Winfield, engr.

Missouri — State Hy. Dept., Jefferson City, making plans timber approaches to bridge over Shoal Creek, six 8 ft. rein.-con. slab spans, etc., over stream, twenty 25 ft. I-beam spans, etc., over overflow of Grand River and Shoal Creek, one 40 ft. and eight 20 ft. I-beam spans, etc., over Medicine Creek D. D., eight 25 ft. I-beam spans, over overflow of Medicine Creek, all Livingston Co.; three 40 ft. rein.-con. deck girder spans, etc., over Pin Oak Branch, one 30 ft. rein.-con. deck girder span, etc., over Wiggins Creek, both Gasconade Co.; one 40 ft. rein.-con. deck girder span, etc., over Arthur Creek, one 20 ft. rein.-con. slab span, etc., over stream, both Texas Co.; two 60 ft. steel truss spans, etc., over Crooked Creek, Monroe Co. B. H. Piepmeier, ch. engr.

Tex., Alice—See "Streets and Roads."

Tex., Canadian — See "Streets and Roads."

Tex., Seymour—See "Streets and Roads."

Tex., Sonora—See "Streets and Roads."

Calif., Los Angeles—Plans constructing bridges on Glendale Blvd. and Hyperion Ave. $400,000 and $800,000 respectively. H. A. Norman, city engr.

Calif., Stockton—San Joaquin Co. plans steel swing bridge over King Island cut. $30,000. F. E. Quail, co. surv.

Bridges (Continued)

BIDS DESIRED

Wis., Milwaukee — Nov. 8, by F. Schumacher, secy. Park Bd., superstructure for 1st unit bridge over Mason St., incl. 300 ft. rein.-con. lower terrace, 50 ft. wide. $230,000 complete. Clas, Shepherd & Cals, 445 Milwaukee St., engrs. Noted June 19.

Illinois—Nov. 10, by Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, Cass St. overhead crossing, on Route 22, Sect. 43-D, Will Co., eleven 35 ft. deck girder spans, one 60 ft. and one 75 ft. steel deck plate girder, 427,900 lb. reinforcing, 316,680 lb. structural steel, 49,660 lb. c.i. rockers, etc. F. T. Sheets, ch. engr.

Minnesota—See "Streets and Roads."

Kan., Enterprise — Nov. 25, by Clerk Dickenson Co. (Abilene), one 188 ft. steel truss span bridge, Federal Aid Project 258-A, here. C. L. Nickolay, Abilene, co. engr. Noted Oct. 2.

BIDS RECEIVED

Kan., Dodge City—Ford Co., seven 92 ft. steel span bridge, 20 ft. roadway, etc., on Federal Aid 236-A, from Kansas City Bridge Co., 510 Orear-Leslie Bldg., Kansas City, Mo., $66,828. Noted Oct. 9.

Arkansas—State Hy. Dept., Little Rock, two 100 ft. span and one I-beam span bridge with rein.-con. abutments and piers over Little Missouri River, Federal Aid Project 204A, near Hope, Pike Co., 154,895 lb. structural steel, 18,700 lb. reinforcing, etc., from Vincennes Bridge Co., Vincennes, Ind., $18,265. Noted Oct. 2.

Calif., Los Angeles—Los Angeles Co., bridge over Santa Anita Wash, from Ross Constr. Co., Van Nuys Hotel, $28,400.

Calif., Santa Ana — J. W. Beck, clk. Orange Co., twenty-three 19 ft. timber and 70 ft. movable plate girder span bridge with 106 ft. creosoted bulkhead at each end, at upper arm Newport Bay, from S. M. Kerns, 1034 Vina Ave., Long Beach, $31,355. Noted Oct. 23.

CONTRACTS AWARDED

Michigan — State Hy. Dept., Lansing, constructing Bridge 750303, one 60 ft. concrete girder span, Schoolcraft Co., to H. Eriksen, Manistique, $15,386.

Ia., Montezuma—Powesheik Co., bridges and culverts on Primary Road 41, to Iowa Bridge Co., 722 Hubbell Bldg., Des Moines, $25,475.

Minn., Zumbro Falls—State Hy. Dept., St. Paul, Bridge 4320, 280 ft. long, concrete, on State Project 59-21, near here, to T. Jensen, Tracy, $26,870. Noted Oct. 16.

Kan., Larkin — Kearney Co., six 90 ft. span pony truss bridge with 19 ft. pile bents, etc., over Arkansas River, to Missouri Valley Bridge Co., 4th and Walnut Sts., Leavenworth. Noted Aug. 28.

South Dakota — State Highway Dept., Pierre, **(F. A. P. means Federal Aid Project and S. A. P. means State Aid Project)** constructing one 50 ft. viaduct on F. A. P. 107, Trippe Co., 11,923 lb. reinforcing, to M. F. Morrisey, Chadron, Nebr., $3,702; viaducts and culverts on S. A. P. 108, Day and Marshall Counties, 55,619 lb. reinforcing, 60,221 lb. structural steel, to M. A. Stump, Mobridge, $20,469; one 128 ft., one 144 ft., and one 40 x 168 ft. viaducts on F. A. P. 185 C, Lyman Co., 276,444 lb. structural street and 69,143 lb. reinforcing, to Pioneer Bridge Co., Mitchell, $36,642, one 30 ft. viaduct and 2 twin box culverts on F. A. P. 170 C, Lake Co., 19,043 lb. reinforcing and 18,159 lb. structural steel, also one 186 ft. viaduct and 10 x 10 ft. culvert, on F. A. P. 186 B, Sanborn Co., 42,075 lb. reinforcing, to Federal Bridge Co., 1002 Bankers Trust Bldg., Des Moines, Ia., $6,500 and $12,856 respectively. Noted Oct. 23.

Calif., Modesto—Supervs. Stanislaus Co., 9 rein.-con. bridges in Rd. Dists. 1 and 3, to F. C. McIntire, 406 North Aurora St., Stockton, $12,820; 7 bridges in Dists. 2 and 4, to Tunsen, Cottrell & Tunsen, Modesto, $16,729. Noted Oct. 30.

Dams

PROPOSED WORK

Conn., New Britain—City plans replacing old dam at Shuttle Meadow by new dam, 20 ft. higher. $15,000. J. D. Williams, City Hall, engr.

Wash., Port Angeles—Elwha Power Co. was granted preliminary power permit for project on Elwha River, Clallam Co., for installation 9,000 hp., also constructing dam near Griff Creek and 3½ mi. conduit for delivering water to power house at mouth of Little River.

CONTRACTS AWARDED

Mo., Higginsville—See "Waterworks."

Calif., San Bernardino—DeWitt & Blair Realty Co., Union Bank Bldg., Los Angeles, approximately 300 ft. earth-fill dam, with concrete core, to C. D. Goldthwaithe, Marsh-Strong Bldg., Los Angeles, approximately $50,000. Noted Aug. 21.

Railways

PROPOSED WORK

Texas—Port Arthur Traction Co., Port Arthur, having plans prepared extending car tracks on Beaumont St. from Proctor to 13th St., and 13th St. from Beaumont St. to Florida Ave., in Port Arthur. J. O. Herpin, Port Arthur, engr.

Washington—The Northern Pacific Railway Co., 5th Ave. and Jackson Sts., St. Paul, Minn., making plans 15 mi. main line into Mason Co., as an extension of company's Grays Harbor branch, in Olympia. $500,000. H. E. Stevens, ch. engr.

CONTRACTS AWARDED

Wisconsin—Wisconsin Southern Ry. Co., C. D. Smith, pres., Fond du Lac, 61 mi. electric railway from Manitowoc to Sturgeon Bay, to E. Schuster Constr. Co., Denmark. Engrs. est. $2,500,000.

Excavation, Drainage, Irrigation, Levees

PROPOSED WORK

Mass., Gloucester — Dept. Pub. Wks., Boston, plans dredging in Annisquam River, here. $25,000. W. F. Williams, comr. Dept. Wks., State House, Div. Waterways, Boston, engr.

Miss., Charleston—Patterson Bayou D. D., c/o M. E. Miller, Charleston, making preliminary plans system of levees and drainage canals for protection 25,000 acres. Private plans.

Miss., Greenwood—Bear Creek D. D. of Le Flore, Sun Flower and Humphreys Counties, making preliminary plans 200 mi. open ditches, incl. 1,000,000 cu.yd. excav., and 600,000 cu.yd. in levees affording protection for 100,000 acres. C. E. Miller, Belonzi, engr.

Ark., Osceola—Drainage Dist., Sub Dist. 1, Carson Lake, C. E. Sullenger, atty. Osceola, making preliminary plans drainage canal, levee work, bridge, etc. $600,000. Morgan Eng. Co., Goodwin Institute, Memphis, Tenn., engrs.

Ark., Osceola—D. D. 9, c/o R. C. Rose, Osceola, Sub Dist. 3, Grassy Lake and Tyronza, making preliminary plans drainage ditches, levees, etc. $2,000,000. Morgan Eng. Co., Goodwin Institute, Memphis, Tenn., engrs.

Wash., Yakima—Water users in Tieton Dist. soon vote on proposition to extend Tieton system, incl. relining lateral G and enlarging system to carry 80 added second ft. or total of 400 second ft. $800,000. H. M. Gilbert, secy. organization.

Calif., San Diego—Tia Juana River Irrigaiton Dist. making plans for irrigation 1,500 acres, incl. pumping plant, 500,000 gal. concrete tank, approximately 75 m.g. reservoir, 56,000 ft. 4- to 18-in. pipe line, etc. $200,000 bonds to be voted. J. F. Covert, National City, engr.

BIDS RECEIVED

New Jersey—Morris Canal & Banking Co., Arrow Bldg., Blackwell and Sussex Sts., Dover, Oct. 30, reconstructing and dismantling Sect. 103, Morris Canal, between Pompton Plains and Little Falls, Morris and Passaic Counties, from Franklin Contg. Co., 20 Washington Pl., Newark, $61,997. Noted Oct. 16.

Calif., Merced—Directors Merced Irrigation Dist., approximately 24,000 lin.ft. concrete pipe, from Merced Concrete Pipe Co., Merced, $64,260. Noted Oct. 18.

Calif., Tracy—Banta—Carbona Irrigation Dist., San Joaquin Co., from Caledonia Dredging Co., Merchants Exchange Bldg., San Francisco, constructing 250,000 cu.yd. dredger cut at $0.13 per cu.yd. or $8 per hr. for outfit with 4.5 yd. bucket. Noted Oct. 9.

CONTRACTS AWARDED

La., Napoleonville—Assumption Parish, 500,000 cu.yd. drainage canals, etc. in Cascienne Canal to Bayou Louise, to Sternberg Dredging Co., 1702 Arcade Bldg., St. Louis, Mo., $142,500.

Ind., Peru—Peru Flood Control Dist., to Matthews Bros., Erie, Ill., 304,049 cu.yd. excav. at $0.0889 per cu.yd.; to Walb Constr. Co., La Grange, Ind., 13,165 cu.yd. $0.25, 18,960 cu.yd. $0.30, 35,000 cu.yd. $0.60, 10,000 cu.yd. and 50 acres, $0.65 each, 8,000 cu.yd. $0.67; to W. E. Callahan Constr. Co., Liberty Central Bldg., St. Louis, Mo., 95,800 cu.yd. $0.125. Engrs. total est. $98,462. Noted Sept. 25.

Calif., Oxnard—Amer. Sugar Beet Co., Oxnard, 900,000 cu.yd. excav. for irrigation canals, Ventura Co., to G. K. Thompson, Brockman Bldg., Los Angeles.

Streets and Roads

PROPOSED WORK

Massachusetts—Dept. Pub. Wks., Div. Highways, State House, Boston, plans relocating 6 mi. Warham St. between Grove St. and Rochester, Middleboro line at Hill's Blazes main highway to Cape Cod, in Middleboro. To exceed $25,000. W. F. Williams, comr.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro., Queens Subway Bldg., rejected bids Oct. 16, sheet asphalt repaving Astoria Ave. Will readvertise. Noted Oct. 23.

O., Akron — Summit Co. plans paving 1.75 mi. Portage-Lake Rd., 18 ft. $40,000. J. Weaver, Akron, engr.

O., New Lexington—Perry Co. plans improving 3 mi. road west of Somerset, 18 ft., $100,000; 4 mi. Shawnee-New Lexington Highway, 18 ft., $120,000; 1 mi. New Lexington-Fairground Rd., 20 ft., $25,000; 4.25 mi. Corning-Athens Rd., 18 ft., $145,000. Noted Oct. 30.

Fla., Clearwater—Pinellas Co., election Nov. 18, $77,000 bonds Cypress curbing and double bituminous surfacing 2 mi. Ward-McMullen Rd., and $173,000 bonds 4.7 mi. Bay Shore Blvd.; $75,000 bonds concrete curbing and bituminous surfacing, Tarvia B, binder, asphalt or stone cover on St. Peterstown Dr., in Special Road and Bridge Dist. Oldsmar. J. N. Brown, clk.

Fla., Daytona — City plans improving Beach St. and Fairview Ave. $120,000. Volusia Co. (Deland) appropriates $40,000 toward cost. H. B. Cassin, city mgr.

Fla., Deland—Election Nov. 28, $225,000 bonds paving various streets. S. D. Jordan, city clk.

Ill., Carbondale—See "Sewers."

Ia., Corning—Plans paving in 1925 about 20 blocks various streets. $60,000. C. Nelson, city clk.

Ia., Remsen—Plans paving in 1925 60 to 80 blocks various streets. $200,000. A. Paschke, city clk.

Kan., Clay Center — Clay Co. making preliminary plans grading 4.035 mi. Federal Aid Project 277-A, 28 ft., also one 45 ft. and two 35 ft. deck girder bridges, 20 ft. roadway, with alternate on 110 ft. and 90 ft. steel span, on Sta. 89 plus 18. H. L. Stevens, co. engr. Erdmann & Marshall, Smith Bldg., Topeka, engrs.

Kan., Topeka—Shawnee Co. soon takes bids grading and concrete surfacing 2,530 sq.yd. Federal Aid Project 141-C, Contr. 1; grading, guttering and concrete paving 28,435 sq.yd. Federal Aid Project 141-C, Contr. 2, and 43,392 sq.yd. Federal Aid Project 141-D, Contr. 2. A. C. Lagerwall, co. engr. Noted Oct. 16.

Kan., Wichita—Plans grading and concrete surfacing Lewellen, Madison, Sycamore, Piatt, Martha, Central, First, Hydraulic, and Hillside Sts.; asphaltc concrete surfacing Wellington Pl., Martinson, Spruce, and Topeka Sts.; sheet asphalt surfacing Wichita and Skinner Sts. $100,000. P. L. Brockway, City Bldg., engr.

Missouri — State Hy. Dept., Jefferson City, making plans grading 237.807 mi. various roads in Christian, De Kalb, Atchison, Jefferson, Cass, Carroll, Howard, Lafayette, Bollinger, St. Francois, Cooper, St. Louis, Cape Girardeau, Madison, Greene, Mercer, Livingston, Marion, Randolph, Warren and Saline Counties; 18 ft. concrete paving 219.338 mi. in De Kalb, Jefferson, Cass, Carroll, Howard, Lafayette, Bollinger, St. Francois, Cooper, St. Louis, Cape Girdardeau, Jefferson, Greene, Randolph, Madison, Warren and Saline Counties; 16 ft. gravel surfacing 33.828 mi. roads in Gasconade, Webster, Monroe, Douglas, Putnam and Texas Counties; 9 ft. concrete and 3 ft. gravel surfacing 12.856 m.i roads in Atchison and Mercer Counties. B. H. Piepmeier, ch. engr.

Mo., Farmington—Making plans paving 15,000 sq.yd. various streets. C. M. Haskins, 517 Finance Bldg., Kansas City, engr.

Tex., Alice — Jim Wells Co. soon takes bids grading and bridging 14.4 mi. State Highway 12, 26 ft. $72,000. L. W. S. Mantel, co. engr.

Tex., Canadian — Hemphill Co. rejected bids grading 1.15 mi. State Highway 4, State Aid Project 300-A, and constructing timber trestle bridge across Big Timber Creek and dip across west fork Horse Creek. Noted Sept. 25.

Tex., Dallas—M. G. James, city secy., soon takes bids widening Cockrell Ave. $30,000. E. A. Wood, c/o City Hall, engr.

Tex., El Paso — Made plans and soon takes bids hard surfacing 8 mi. Highway 1, 18 ft., $368,000; 17.5 mi. State Highway 1, $483,000. F. Wilson, co. engr.

Tex., Ennis—Voted $75,000 bonds paving various streets. H. McCanless, city engr. Noted Oct. 3.

Streets and Roads (Continued)

Tex., Ft. Worth—Making plans improving 30 mi. River Dr., along Trinity River. $200,000 to be subscribed, D. L. Lewis, city engr.

Tex., Karnes City — Karnes Co. voted $150,000 bonds hard surfacing highway in Rd. Dist. 1. O. N. Powell, co. engr.

Tex., Plemons—Hutchinson Co. election No. 22, $100,000 bonds hard surfacing, grading, etc., roads radiating from here. W. R. Goodwin, co. judge. Engineer not selected.

Tex., Seymour—Baylor Co. making plans gravel surfacing with asphalt topping 16 mi. State Highway 23, incl. one 90 ft. and one 100 ft. through steel span bridges, $324,750; grading and bridging 14.62 mi. road between here and Haskel, 18 ft. $975,000. J. G. Rollins, Seymour, engr.

Tex., Sonora — Sutton Co. takes bids after Nov. 8, grading bridging, macadam and gravel surfacing 10.84 mi. Federal Aid Project 425-B, 18 ft., $82,800; gravel surfacing 5.19 mi. and crushed stone surfacing 6.06 mi. State Highway 27, 18 ft., $130,000. H. P. Stockton, Jr., Sonora, engr.

Tex., Tyler — Soon takes bids paving 66,000 sq.yd. various streets, part of 140,000 yd. paving program. $175,000. L. H. Powell, City Hall, engr. Noted Sept. 4.

Tex., Wharton—Election Nov. 22, $65,000 bonds paving various streets. Address mayor.

Oklahoma — State Hy. Dept., Oklahoma City, had surveys made improving 2.5 mi. state highway between New Castle Bridge, McLain Co. and Grady Co. line, 21,000 sq. yd. concrete paving, 14,000 cu.yd. excav., etc. $50,000. J. M. Page, Oklahoma City, engr.

Okla., Clinton—Plans grading and paving 6 blocks Frisco Ave. from 7th to 13th Sts., 6,300 sq.yd. asphaltic concrete, 3,600 ft. curb and gutter, 2,000 cu.yd. excav. $32,500. B. M. Hart, City Hall, Oklahoma City, engr.

Okla., Fairview — Making preliminary plans grading, curbing, and concrete paving 9,000 sq.yd. Main St. $35,000. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Okla., Holdenville—Plans improving 7 blocks South Echo, West 5th and West Oklahoma Sts., 6,600 sq.yd. concrete paving, 2,300 cu.yd. excav., 4,000 lin.ft. concrete curbing, etc. $31,000. C. H. Edge, Holdenville, engr.

Okla., Shawnee — Plans improving 5 blocks South Echo and West 5th Sts., 1,800 cu.yd. excav., 3,000 lin.ft. curbing, 5,200 sq.yd. asphaltic concrete paving, etc. $25,000. F. D. Brown, Shawnee, engr.

Wash., Seattle—King Co. plans constructing new road during 1925. $920,721. T. R. Beaman, co. engr.

California—State Hy. Dept., Sacramento, made plans improving 10.8 mi. road from Halfway Creek to Scholes Ranch, Shasta Co., 310,000 cu.yd. excav., etc. R. M. Morton, Sacramento, highway engr.

Calif., El Cerrito—Made plans improving Albermarle St., 40,000 sq.ft. asphaltic macadam paving, 45,000 sq.ft. grading, 3,000 lin.ft. concrete curb, 4,500 lin.ft. concrete gutter, etc. R. L. Calfee, 221 South 22nd St., Richmond, engr.

Calif., Los Angeles — Soon takes bids paving, grading, curbing, guttering and sidewalks on Lexington Ave., San Pescual, Girard, Alpine and Amethest Sts. To exceed $25,000. H. A. Van Norman, City Hall, engr.

Calif., Los Angeles — Los Angeles Co. made plans improving 109th St., Rd. Impvt. 216, 1,282 cu.yd. excav., 6,838 sq.yd. shaping roadway, 6,838 sq.yd. 1.5 in. National top paving on 3.5 in. asphaltic concrete, 10,086 sq.ft. 5 in. concrete gutter; 110th St., Rd. Impvt. 239, 1,506 cu.yd. excav., 6,838 sq.yd. shaping roadway, 6,838 sq.yd. 1.5 in. National top paving on 3.5 in. asphaltic concrete, 10,086 sq.ft. 5 in. concrete gutter; 111th St., Rd. Impvt. 218, 1,536 cu.yd. excav., 6,838 sq.yd. shaping roadway, 6,838 sq.yd. 1.5 in. National top paving on 3.5 in. asphaltic concrete, 10,086 sq.ft. 5 in. concrete gutter; 62nd St., Rd. Impvt. 309, 776 cu.yd. excav., 4,524 sq.yd. shaping roadway, 2,556 ft. curb, 5,811 sq.ft. gutters, 4,524 sq.yd. asphaltic concrete, 208 sq.ft. sidewalks; portions of Durfee Ave., Rd. Impvt. 254, 8,671 cu.yd. excav., 36,897 sq. yd. shaping roadway, 35,767 sq.yd. concrete paving, 23,728 sq.yd. disintegrated granite sub-base, etc.

Calif., San Anselmo — Made plans improving Humboldt Ave., 1,000 cu.yd. grading, 26,500 sq.ft. surface grading, 26,500 sq. ft. 5 in. concrete paving, etc. J. J. Jessup, city engr.

Ont., Islington — Etobicoke Twp. plans widening 4,500 ft. Lake Shore Rd. to 66 ft., and 9,000 lin.ft. concrete sidewalks. $50,000. N. MacNichol, Islington, engr.

Ont., Pembroke—Plans 1 mi. bituminous penetration macadam on McKay St. $50,978. J. P. Howe, city engr.

BIDS DESIRED

Massachusetts—Nov. 11, by Dept. Pub. Wks., Div. Highways, State House, Boston, bituminous macadam paving 2,500 ft. highway in Lakeville, 20 ft. $25,000. W. F. Williams, comr.

Virginia—Nov. 25, by State Hy. Comn., Richmond, improving roads and bridges on Route 33, Project F-65-E, Rockbridge Co., Route 38, Project F-126, Caroline Co., Route 11, Project S-208-C, Tazewell Co., Route 121, Project F-246-B, Southhampton Co., Route 10, Project F-366-C, Dinwiddie Co. and Route 14, Project F-375, Alleghany Co. C. S. Mullen, ch. engr.; adv. E. N.-R. Nov. 6.

N. Y., St. George—Nov. 12, by J. A. Lynch, pres. Richmond Boro., Boro Hall, concrete sidewalks on Victory Blvd. and Ellsworth Pl.

Fla., Auburndale—Nov. 12, by D. Hickman, mayor and Council, paving and curbing 80,000 sq.yd. various streets. $160,000. J. J. Stringfellow, Lakeland, engr.

Alabama—Nov. 26, by State Hy. Comn., Montgomery, improving 8.104 mi. Calera-Wilton Rd., Project 44, Shelby Co., 10.575 acres clearing and grubbing 66,753 cu.yd. earth and 14,161 cu.yd. rock excav., 45,330 sta.yd. overhaul, 108,900 lb. reinforcing, 25,742 sq.yd. Bermuda sod, 23,746 cu.yd. chert surfacing, 77,019 cu.yd. chert overhaul, alternate 23,746 cu.yd. imported gravel surfacing, clay or artificial mix, etc. W. S. Keller, highway comr.

Louisiana—Nov. 18, by State Hy. Dept., Reymond Bldg., Baton Rouge, constructing 8 mi. State Project 365 C, between Homer and Lisbon, Claiborne Parish. W. B. Robert, state engr.

Illinois—Dec. 17, by Dept. Pub. Highways & Buildings, Div. Highways, Springfield, grading and concrete surfacing 15 mi. Belleville-Freesburg-New Athens Rd., 18 ft., State Aid Project 13, St. Clair Co. D. P. Thomas, Belleville, engr.

Minnesota—Nov. 18, by State Hy. Dept., St. Paul, **(S. P. means State Project and F. A. P. means Federal Aid Project)**, grading and gravel surfacing 40,326 cu.yd. Two Harbors-Beaver Bay Rd., S. P. 1-01, Divs. 2, 3, 4 and 5, F. A. P. 282, $37,000; 22,720 cu.yd. Crookston-Euclid Rd., S. P. 6-06, Sect. 1, F. A. P. 293, $25,000; 32,640 cu.yd. Hallock-Noyes Rd., S. P. 6-39, Sect. 2, F. A. P. 333, $32,000; 130,000 cu.yd. State Sanatorium-Walker Rd., S. P. 34-25, F. A. P. 317, $28,000; 36,960 cu.yd. Barnesville-Moorehead Rd., S. P. 64-24, F. A. P. 353-A, $35,000. Eng. Dept., State Hy. Dept., 1246 University Ave., St. Paul, engr.

Nebraska—Nov. 14, by J. Muir, improving 12.8 mi. road from York to East Co. line, Federal Aid Project 56, York Co., 158,350 sq.yd. 3 in. gravel for State Hy. Dept., Lincoln. $45,000. R. I. Cochran, Brownell Bldg., Lincoln, engr.

South Dakota—Nov. 14, by State Hy. Comn. Pierre, grading 12.05 mi. Federal Aid Project 174, Union Co., 99,395 cu.yd. common excav., 17,225 lb. reinforcing; 72 ft. viaduct on same, 11,092 lb. reinforcing and 51,412 lb. structural steel. F. D. Hudgins, ch. engr.

Mo., Neosho—Nov. 18, by D. H. Lewis, city clk., for Bd. Aldermen, grading and paving 9,132 sq.yd. Hamilton and Main Sts. $25,000. Black & Veatch, Mutual Bldg., Kansas City, Kansas City, engrs.

Tex., Linden—Nov. 14, by S. L. Henderson, judge Cass Co., grading and concrete surfacing 4.99 mi. State Highway 48, Federal Aid Project 435-A, 9½ ft. $122,990. F. E. Hess, co. engr. Noted Oct. 2.

Tex., Uvalde — M. B. Hodges, engr. Uvalde Co., taking bids gravel surfacing about 9 mi. Precinct 4, 18 ft. $120,000.

Okla., Norman—Taking bids improving 7 blocks Ponca, Johnson and Porter Aves., 6,200 sq.yd. concrete paving, 4,200 lin.ft. curbing, and 2,100 cu.yd. excav. $30,000. F. Cobb, Norman, engr. Noted Sept. 18.

California—Nov. 24, by State Hy. Comn., Sacramento, grading and crushed gravel or stone surfacing 10.8 mi. highway between Halfway and Dog Creeks, Shasta Co. R. M. Morton, state highway engr. Noted Oct. 9.

Calif., Eureka — City Council taking bids grading, paving, sewer, laterals, etc., in portions of A St. H. H. Hannah, city engr.

Calif., Eureka—City Council taking bids grading, laying sewers and paving Spring St. between Wabash and Harris Sts. H. H. Hannah, city engr. Noted May 8.

Calif., San Diego—Nov. 17, by Supervs. San Diego Co., 10,560 sq.yd. 5 in. concrete paving San Diego-Romona Highway. $150,000.

Calif., Santa Cruz—City Council taking bids improving South Branciforte Ave., 110,235 sq.ft. grading, 110,235 sq.ft. 5 in. concrete paving, 1,479 lin.ft. concrete curb, etc. H. E. Godegast, city engr. Noted Oct. 23.

Calif., Seal Beach—City Council taking bids asphaltic concrete paving 1 mi. Ocean Ave. W. Hillyard, city engr.

BIDS RECEIVED

N. Y., Brooklyn—E. Riegelmann, boro. pres., Boro Hall, Oct. 29, grading, curbing and flagging Dahill Rd. and East 32nd St. from Simonelli & Son, 26 Conselyea St., $2,706 and $3,750 respectively; asphalt paving Dahill Rd. and East 32nd St., from Brooklyn Alcatraz Co., 407 Hamilton Ave., $14,604 and $9,254 respectively, 48th St., from Cleveland Trinidad Co., Flushing, $9,167.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., Oct. 29, grading, curbing and sidewalks on Hobson Ave. from H. J. Mullin Contg. Co., Jamaica Ave. and 144th St., Jamaica, $32,843, also sewer in 45th Ave. from J. F. Clancy, 460 Lockwood St., Astoria, $2,902, and 88th St. from D. A. Gross, 8515 Fulton St., Woodhaven, $5,667. Noted Oct. 23.

N. J., Trenton—Mercer Co., constructing Edinburg-Locust Corner Rd., from Ross & Whalen, 471 Southard St., $107,313. Noted Oct. 23.

Pa., Phila.—G. H. Biles, dir. Pub. Wks., Oct. 27, from S. C. Ratzell, Limekiln Pike and Haines St., grading (Schedule A) 1,157 cu.yd. Durham St., $1,039; from Barker Asphalt Co., 239 North 30th St., asphalt paving (Schedule B) 1,161 sq.yd. Edna St. $4,46. 1,475 sq.yd. Sansom St. $5,822, 870 sq.yd. 30th St. $3,877, from Union Paving Co., 30th and Locust Sts., 28,235 sq.yd. Ogontz St. $111,887; from Eastern Paving Co., 401 Colonade Trust Bldg., asphalt repaving (Schedule C) 5,040 sq.yd. Gordon St. $11,219; from B. Foote Co., 20th and Venango Sts., resurfacing (Schedule D) 14,600 sq.yd. Oxford Ave. $16,080. Noted Oct. 23.

Kentucky—State Hy. Dept., Frankfort, Oct. 29, **(S. P. means State Project, F. A. P. means Federal Aid Project)**, from A. J. Hoffman, North Adams, Mich., river gravel, bank gravel or waterbound macadam surfacing 5.405 mi. Greensburg-Hodgenville Rd., 16 ft., S. P. 41-B, Green Co., $76,778, 15.533 mi. Louisville-Paducah Rd., 16 ft., S. P. 8-C, Breckenridge Co., $129,779, 5.36 mi. Louisville-Paducah Rd., 16 ft., S. P. 8-C, Meade Co., $48,018; from Hatfield Constr. Co., 418½ 10th St., Huntington, W. Va., grading, etc., 11.323 mi. Salyersville-West Liberty Rd., 24 and 28 ft., F. A. P. 120-A, Magoffin Co., $283,472, 4.813 mi. Louisa-Sandy Hook Rd., 24 and 28 ft., S. P. 49-A, Lawrence Co., $49,438, from Ellis & Smeathers, Owensboro, 11.535 mi. Salyersville-West Liberty Rd., 24 and 28 ft., F. A. P. 120-B, Morgan Co., $254,147, 15.972 mi. Lexington-Covington Rd., 26 and 30 ft., F. A. P. 115, Scott Co., $220,340, from Costello Bros., Henson Bldg., Knoxville, Tenn., 4.735 mi. Elizabeth-Hodgenville Rd., 24 and 28 ft., F. A. P. 118-A, Hardin and Larue Counties, $39,025, 13.185 mi. Louisville-Paducah Rd., 24 and 30 ft., F. A. P. 119, Crittenden Co., $123,150, from F. W. Miller, Youngstown, O., 15.413 mi. Richmond-McKee Rd., 24 and 28 ft., S. P. 30-A, Jackson Co., $214,726, from H. D. Tye, Beechwood, 3.591 mi. Richmond-McKee Rd., 24 and 28 ft, S. P. 30-A, Madison Co., $91,666, from F. B. Henderson Co., Harlan, 17.516 mi. McKee-Pineville Rd., 24 and 28 ft., S. P. 30-A, Clay Co., $363,627, from North Fork Constr. Co., North Fork, 10.844 mi. Campton-Jackson Rd., 24 and 28 ft., S. P. 121, Wolfe Co., $206,402, from Rash & Rash, Du Bois, Ind., 5,985 mi. Louisville-Paducah Rd., 24 and 30 ft., F. A. P. 105-B, Daviess Co., $51,982, from W. S. Tackett, Ashland, 0.81 mi. Paintsville-Prestonburg Rd., 24 and 28 ft., S. P. 6-B, Floyd Co., $15,521; from Forest Meade, Lebanon, gravel surfacing 2.805 mi. Lebanon-Campbellsville Rd., 16 ft., S. P. 25-Bm, Marion Co., $33,585; from N. E. Stone, Madisonville, bank gravel surfacing 7.5 mi. Paducah-Benton Rd., 18 ft., S. P. 67-A, McCracken Co., $31,512; from James & Cocke, Louisville, waterbound macadam resurfacing 5 mi. Lebanon-Danville Rd., S. P. 25-C, Marion Co., $106,736, 6.12 mi. Mayesville-Lexington Rd., S. P. 20-K, Fleming Co., $69,375, both 16 ft.; from Mills & Mills, Covington, waterbound macadam surfacing 8.655 mi. Augusta-Newport Rd., 14 ft., S. P. 21½-A, Pendleton Co., $157,653; from Russel & Lucas, Bowling Green, waterbound macadam or creek gravel surfacing 8.115 mi. Edmonton-Glasgow Rd., 16 ft., S. P. 1-A, Metcalfe Co., $61,364; from W. Z. Byars, Winchester, bituminous macadam, rock asphalt or rein.-con. surfacing 5.809 mi. Williamsburg-Jellico Rd., 16 ft., S. P. 35-C, Whitley Co., $180,665. Noted Oct. 2.

Mich., Detroit — From Detroit Asphalt Paving Co., 909 Free Press Bldg., paving

Streets and Roads (Continued)

with 3½ in. sheet asphalt on 8 in. concrete, 7,100 sq.yd. Edward St. $30,597, 1,800 sq. yd. Eagle Ave. $8,102, 3,100 sq.yd. Kentucky Ave., Sect. 4 $14,803, 6,100 sq.yd. Lakepointe Ave. Sect. 1, $29,195, 630 sq.yd. Main Ave., Sect. 2 $3,073, 14,050 sq.yd. Plymouth Rd., Sect. 2 $67,043, 7,620 sq.yd. Sherwood Ave. $38,058, 2,850 sq.yd. Wheeler Ave. $12,622; M. C. Hanna Co., 1636 Dime Bank Bldg., 7,050 sq.yd. Anglin Ave. $32,998.

Minn., St. Paul — H. W. Austin, city purch. agt., Oct. 28, paving, etc., Cleveland Ave. between Randolph St. and Ford Rd., Ford Rd. between Cleveland Ave. and Mississippi River Blvd., 23,278 sq.yd. sheet asphalt, 5,190 sq.yd. brick, etc., from Hanlon & Okese, 1501 Merchants Natl. Bank Bldg., $101,936. Noted Oct. 23.

Tex., Austin—Travis Co. **(a)** gravel surfacing **(b)** placing rip rap masonry wall along section of road on 9 mi. Austin-Webberville Rd., 16 ft., from H. J. Evans, 500 West 15th St., $30,965; H. Kyle, Hutto, **(a)** $22,378; from J. E. Maud, Austin, **(b)** $7,569. Engrs. est. $30,000.

Tex., Dickens — Dickens Co., grading, gravel and caliche surfacing 13.23 mi. State Highway 53, Federal Aid Project 443-A, 16 ft., from McCall Eng. Co., Amicable Bldg., Waco, $59,235. Engrs. est. $66,000.

Tex., Houston—Paving Caroline St. from Wheeler St. to Herman Park, from Gulf Bitulithic Co., Bankers Mortgage Bldg., $91,000. Engrs. est. $100,000.

Tex., Waxahachie — Ellis Co., surfacing with native limestone base 50 mi. lateral roads with radius 8 mi. of here, 18 ft., from Tibbetts Constr. Co., Mineral Wells, $199,375. Engrs. est. $200,000.

Oregon—State Hy. Comn., Salem, Oct. 22, crushed rock surfacing 9.5 mi. Grants Pass-Crescent City Highway, 60 ft. right-of-way, Coos Co., from Webber Constr. Co., Crescent City, Calif., $63,485.

Calif., Los Angeles — From G. J. Bock, 1250 South Glancy Pl., grading, concrete surfacing, sidewalks, sewers, retaining wall, etc., on Altamont St., $37,954; from S. McCray, 416 Amer. Bank Bldg., grading, oil surfacing, retaining wall, etc., on Costelar St. from Ord St. to Sunset Blvd., $2,949, Morathen St. from Micheltorena St. to Talarosa Dr., $3,871; from Griffith Co., 502 Los Angeles Railway Bldg., grading, paving, sidewalks, etc., on 10th St. from Pacific Ave. to Goffey St. $13,889, 14th St. from Goffey to Parker Sts. $14,484, Porter St. from Alley to Sante Fe Ave. $7,366, Ethel Ave. from Oxnard St. to Sherman Way $16,703; from H. R. Erdman, Los Angeles, grading, oil surfacing, sidewalks, etc., on Isabel St. from Bank to Macon St., $8,174, from G. W. Kemper, Los Angeles, Spence St. from Hollerbeck Ave. to 25th St., $125,163, from W. Liddington, 420 East 60th St., Sanpedro St. from Clausen Ave. to 61st St. $16,637, grading and concrete paving Vista Del Mar Ave., $2,498; from G. H. Oswald, Los Angeles, grading, paving, rolling, etc., Prense Rd., $164,417; from G. R. Curtis Paving Co., 2440 East 26th St., grading, paving, sidewalks, etc., on Kenmore Ave. from Hollywood St. to Sunset Blvd., $16,325, grading, asphalt paving, etc., Ardmore Ave. $6,690; from P. F. Martter, Los Angeles, grading, oil surfacing, sidewalks, guard rail, etc., on Preston Ave. from Baxter St. to Husted St., $6,770, from Martin & Marks, Los Angeles, Sunset Blvd. from Laguna to Logan Sts., $4,587, grading and concrete surfacing Vendome St. from 3rd to Hoover Sts., $1,356; from Hall-Johnson Co., Box 355 M. O., grading, paving, etc., Humboldt St. from Ave. 31 to Ave. 33, $10,123; from C. W. Schafer, Los Angeles, grading and paving 1st Alley southwest of 23rd St., $2,512, paving, oil surfacing, sidewalks, etc., on alley southwest from 22nd St., $3,455.

Calif., Redwood City—Improving Hilton St., etc., 111,252 sq.ft. 5 in. concrete on 3 in. broken stone base course, 4,253 lin.ft. concrete curb, from W. A. Dontanville, Los Gatos, $27,436. Noted Oct. 30.

Calif., San Diego—Common Council, Oct. 20, improving 6th and Date Sts., from Pioneer Truck Co., 954 3rd St., 233,776 sq. ft. 2 in. asphaltic concrete on 3 in. bituminous at $0.156 per sq.ft., 2,640 sq.ft. concrete sidewalks $0.22, 914 lin.ft. concrete curbing $0.65, 178 cu.yd. excav. $1, etc., total $37,843. Noted July 17.

Calif., San Diego—Supervs. San Diego Co., Oct. 20, reconstructing portion of Tia Juana Rd., Route 10, Div. 2, from G. R. Daley, 4430 Boundary St., $35,820.

CONTRACTS AWARDED

Vermont — State Hy. Dept., Montpelier, bituminous macadam paving 1 mi. highway in Barre, to J. E. Flood, Hudson Falls, N. Y. Engrs. est. $45,000.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro., Queens Subway Bldg., grading, curbing and sidewalks on Hunterspoint Ave., to Kennedy & Smith, 93 Amity St., Flushing, $1,695, granite block paving Manley St., to Welsh Bros. Contg. Co., 32 Queens St., Astoria, $20,436; grading 89th Ave. and 90th Rd., to C. Kurth, 9519 126th St., Richmond Hill, $2,376; curbing and sidewalks on 102nd St. to Highway Impvt. & Repair Co., 501 Bloomfield Ave., Montclair, N. J., $38,903. Noted Oct. 23.

N. Y., New York—H. Bruckner, pres. Bronx Boro, Tremont and 3rd Aves., to I. F. Cavaluzzo, 1538 Walton Ave., grading, curbing and sidewalks on Johnson Ave. $24,823, Hollywood Ave. 21,288, grading, etc., Astor Ave. $23,110; to T. Di Roma, 33 Evelyn Pl., grading, curbing and sidewalks on Rosedale Ave. $22,850, to C. De Blasio, 339 7th Ave., Mt. Vernon, Thierot Ave. $3,774. Noted Oct. 23.

N. Y., New York—J. Miller, pres. Manhattan Boro., Municipal Bldg., constructing stairway on Riverside Dr. at West 160th St., to M. Del Balso, 4196 Pauls Ave., $31,175; grading, curbing and flagging West 214th St. and Indian Rd., to S. Nugent, 295 West 150th St., $7,701. Noted Oct. 30.

Pennsylvania—State Hy. Dept., Harrisburg, **(R. means Route)** rein.-con. surfacing R. 204, Sect. 6, Beaver Co., to E. A. Freshwater & Sons, Chester, W. Va., 7,220 sq.yd. rein.-con. $3.87, 210 cu.yd. unclassified excav. $1.50, total $33,769; R. 169, Monroe Co., to Lane Constr. Corp., Meriden, Conn., 12.118 sq.yd. rein.-con. $2.90, 10,639 cu.yd. unclassified excav. $2.40, total $76,014; R. 50, Somerset Co., to A. W. Hinaman, Mansfield, 24,750 sq.yd. rein.-con. $3.40, 9,093 cu.yd. unclassified excav. $1.50, 3,502 cu.yd. borrow excav. $1.20, total $126,730. Noted Oct. 2.

Pa., Phila.—G. H. Biles, dir. Pub. Wks., to S. C. Ratzell, Limekiln Pike and Haines St., grading (Schedule A) 1,157 cu.yd. Durham St., $1,030; to Barber Asphalt Co., 239 North 30th St., asphalt paving (Schedule B) 1,161 sq.yd. Edna St. $4,461, 1,475 sq.yd. Sansom St. $5,822, 870 sq.yd. 65th St. $3,877, to Union Paving Co., 30th and Locust Sts., 28,235 sq.yd. Ogontz St. $111,-887; to Eastern Paving Co., 401 Colonade Trust Bldg., asphalt repaving (Schedule C) 5,040 sq.yd. Gordon St. $11,219; to B. Foote Co., 20th and Venango Sts., resurfacing (Schedule D) 14,600 sq.yd. Oxford Ave. $16,080. Noted Oct. 23.

Pa., Pittsburgh — Grading, paving and curbing Baker St., to M. O'Herron Co., South 18th St., $86,192. Engrs. est. $92,000.

W. Va., Charleston—Brick, asphalt and concrete surfacing Costello and 4 other streets, etc., to Andrews Asphalt Paving Co., Rentchler Bldg., Hamilton, O., $38,789.

N. C., Morehead City—Concrete surfacing various streets, to West Constr. Co., Morehead City, approximately $200,000.

S. C., Edgefield—Edgefield Co., topsoiling 4.8 mi. State Route 21, Federal Aid Project 230A, to J. C. Moffatt, Saluda, $24,236. Noted Oct. 16.

S. C., Walterboro — Colleton Co., constructing 7.1 mi. State Route 6, Federal Aid Project 57-A, and 12.2 mi. State Project S-557, to Mayfield Constr. Co., Denmark, $27,035 and $35,407 respectively; 7.4 mi. State Route 6, Federal Aid Project 57-B, to J. L. Carroll, Columbia, $31,848.

S. C., Winnsboro — Fairfield Co., constructing 6.5 mi. State Route 16, Federal Aid Project 213-B, to McCalla Bros., Lowndesville, $51,200; 4.7 mi. State Route 16, State Aid Project S-531, to C. E. Teague & J. W. Houseal, Augusta, Ga., $26,782. Noted Oct. 16.

Louisiana — State Hy. Dept., Reymond Bldg., Baton Rouge, extending 2½ mi. Project 12, Sect. A, Morehouse Parish, to Tansey-Cavitt Constr. Co., Shreveport, $23,000; 4.51 mi. gravel surfacing Natchitoches-Leesville Rd., to Scott & Hawthorne, Natchitoches, $15,422, 13.52 mi. Leesville-De Ridder Rd., to C. R. White, $41,719; improving 4.49 mi. State Project 315 C, Natchitoches-Leesville Rd., to Hankin Bros., Many, $36,458.

O., Columbus — W. H. Duffy, dir. Pub. Serv., to Franklin Asphalt Paving Co., 209 South High St., grading, laying necessary water services, sewer connections and Trinidad asphalt paving, 472 ft. 6th St., 26 ft., $5,198, 940 ft. Jefferson Ave., 32 ft., $7,216, 2,105 ft. Ann St. 24 and 40 ft., $17,-669 Mexican asphalt paving 2900 ft. Kent St., 26 ft., $33,612; to J. O. Jones, 303-304 Wesley Block, concrete paving 303 ft. alley north of 1st Ave., 10 ft., $976.

Michigan—State Hy. Dept., Lansing, to Wayne Co. Rd. Comn., Detroit, grading and concrete surfacing 5.813 mi. Federal Aid Project 82 A2, $207,393, 1.818 mi. Federal Aid Project 82 A1, $63,432, grading 8.612 mi. Federal Aid Project 87 A, $20,426.

Michigan — State Hy. Dept. at office Comrs. Oakland Co., Pontiac, grading 4.24 mi. State Trunk Line Rd. 10-39 B, to W. H. Knapp Co., Monroe, $211,706.

Michigan — State Hy. Dept. at office Comrs. Montcalm Co., Stanton, grading and concrete paving 5.079 mi. State Trunk Line Rd. 66-18, and 0.256 mi. State Trunk Line Rd. 66-5 B, to Banhagel Constr. Co., Ionia, $116,391 and $6,698 respectively. Noted Oct. 23.

Mich., Detroit—To Otis Cement Constr. Co., 806 Hammond Bldg., paving with one course concrete 4,240 sq.yd. Alley 2055 $10,641, 3,000 sq.yd. Alley 2060 $6,783, 2,200 sq.yd. Alley 2061 $5,498; to McKenna Trucking Co., 3559 Holcomb Ave., 1,800 sq.yd. Alley 2056 $4,413, 1,680 sq.yd. Alley 2057 $4,200, 1,360 sq.yd. Alley 2058 $3,720, 1,300 sq.yd. Alley 2059 $3,244, 1,420 sq.yd. Alley 2062 $3,487.

Ill., Galesburg — Improving 3 blocks Pleasant Ave., 2,836 sq.yd. vitr. brick on 4 in. concrete, 2,316 ft. concrete curb and gutter, 3,000 cu.yd. excav., etc., to H. H. Gunther, 600 East Main St., $11,264, engrs. est. $12,007, 3 blocks Arnold St., 3,500 sq. yd. vitr. brick on 4 in. concrete, 2,500 ft. concrete curb and gutter, 2,500 cu.yd. excav., etc., to Graham-King Constr. Co., 550 South Cedar St., $14,297. Noted Sept. 11.

Ill., Highland Park — Grading, curbing and paving approximately 5,600 sq.yd. St. John's Ave., Cedar Highlands subdivision, to E. A. Meyer Constr. Co., Quincy, $32,-055; 8,000 sq.yd. Deer Park Pavement Impvt., to Highways Constr. Co., Highland Park, $43,434. Noted Aug. 14.

Ia., Des Moines—To Des Moines Asphalt Paving Co., 2nd and New York Sts., paving Hickman Ave., 3,940 sq.yd. asphaltic concrete at $2.39 per sq.yd., Amherst St., 1,676 sq.yd. $2.48 Mondamin St., 1,694 sq.yd. $2.48, Carpenter Ave., 640 sq.yd. vibrolithic concrete $2.56; to G. F. Lambert, 208 Observatory Bldg., Bell Ave., 3,547 sq.yd. concrete $2.36, 21st St., 2,620 sq.yd. brick $3.39; to Wright Constr. Co., 211 Flynn Bldg., North and South Alley, 825 sq.yd. concrete $2.59; to Hawkeye Constr. Co., 402 Security Bldg., East 5th St., 9,059 sq.yd. brick $3.25; to Potts Bros., 1603 York St., East 6th St., 1,050 ft. curbing at $0.60, 21st St., 976 ft. curbing $0.497; to Des Moines Sand Co., 510 Grand Ave., graveling 3 blocks Elm St., $1.29 per sq.yd., 6 blocks Manhaska and State Sts. $1.33 per sq.yd.; to F. Cram & Sons, 517 5th St., graveling East 37th St. from Sheridan Ave. to Easton Blvd. and Authur Ave. from East 36th to East 37th Sts., $1.48, East 37th and East 38th Sts. $1.38.

Ia., Montezuma—Powesheik Co., grading, etc., 5.34 mi. Primary Road 41, to J. R. Miller, Blairsburg, at $0.24 per cu.yd.

Minn., Minneapolis — Will grade, pave, gutter and curb various streets, by day labor. $2,400,000. Bids to be taken on materials. N. W. Elsberg, city engr.

Kan., Oskaloosa—Jefferson Co., improving Federal Aid Project 220-C, 1,951 cu. yd. excav., 5,019 lb. reinforcing, 7,031 sq. yd. plain concrete, etc., to Harrison Eng. & Constr. Co., Ellicott Sq., Buffalo, $24,-767. Noted Oct. 16.

South Dakota—State Hy. Comn. Pierre, **(F. A. P. means Federal Aid Project)** grading 13.83 mi. F. A. P. 188 A, Miner Co., 92,462 cu.yd. common excav., 17,185 lb. reinforcing, to Dowd Bros. & Schreiber, Watertown, $30,526; 12.22 mi. F. A. P. 170 C, Lake Co., 113,619 cu.yd. common excav., 31,489 lb. reinforcing and 11.06 mi. F. A. P. 186 B, Sanborn Co., 2,657 cu. yd. loose rock and 135,486 cu.yd. common excav., 13,722 lb. reinforcing, $38,869 and $37,909 respectively, to I. Cox, Sioux Falls; 9.81 mi. F. A. P. 185 C, Lyman Co., 59,895 cu.yd common excav., 29,259 lb. reinforcing, to W. A. Jarvis, Kennebec, $26,831; 9.64 mi. F. A. P. 186 C, Sanborn Co., 87,742 cu.yd. common excav., 141.62 lb. reinforcing, to Tobin & Maloney, Madison, $28,090. Noted Oct. 23.

Mo., Clayton—St. Louis Co., macadam paving Old Florissant Rd., to Banger Bros., Ferguson, $6,480; telford macadam paving Chamber Rd., to Skrainka Bros., Security Bldg., St. Louis, $11,098, Tiemann Ave., to E. Steffen, 4760 Seibert Ave., St. Louis, $4,968. Owner furnishes rock for above projects. Noted Oct. 16.

Tex., Nocona—Paving Main St., 10,000 sq.yd. brick on concrete, to Cook & Cole, Ardmore, Okla., $36,000. Noted Oct. 24.

Tex., Palo Pinto—Palo Pinto Co. **(e. e. means engrs. est.)**, to Smith Bros., Inc., Amer. Natl. Bank Bldg., Dallas, 1 in. bituminous surfacing 9.81 mi. State Highway 1, Federal Aid Project 369, $36,109, e. e. $35,640; 2 in. Amesite surfacing 5.81 mi. State Highway 1, Federal Aid Project 356, $79,820, e. e. $67,540, 10.87 mi. State Highway 1, Federal Aid Project 294-A, $131,949, e. e. $126,200, 15.47 mi. State Highway 1, Federal Aid Project 382, $204,152, e. e. $187,140. Noted Oct. 30.

Streets and Roads (Continued)

Okla., Muskogee—Grading and paving 7 blocks South K, L, Cincinnati and Ellsworth Sts., 7,800 sq.yd. concrete, 4,200 ft. curbing, 2,700 cu.yd. excav., to Gravelle-Hamblin Co., Manhattan Bldg., $35,765. Engrs. est. $38,000.

Colorado — State Hy. Dept., Denver, gravel surfacing 3.54 mi. Federal Aid Project 213-A, La Plata Co., to Honoker & Hanson, Cortez, $40,423, 3.064 mi. Federal Aid Project 253-B, Routt Co., to Hinman Bros., 3358 Race St., Denver, $66,584, engrs. est. $72,736; crushed rock surfacing 2.897 mi. Federal Aid Project 262-C, Costilla Co., to C. M. Emerson & Sons, Hugo, $23,218. Noted Oct. 16.

Calif., Los Angeles—Supervs. Los Angeles Co., improving Figueroa St. entrance to Coliseum, 7,153 lin.ft. combinaiton curbing and guttering, 17,268 cu.yd. excav., 73,696 sq.ft. 3.5 in. and 123,676 sq.ft. 4.5 in. concrete sidewalks, 14,338 sq.yd. shaping roadway, to J. Martin, 789 Lyon St., $71,568. Noted Oct. 9.

Calif., Los Angeles—Concrete on bituminous paving, curbs, sidewalks, etc., Windsor Blvd. between 3rd and 8th Sts., to Chalmers & Ford, H. W. Hellman Bldg., $130,011; asphaltic concrete paving Menlo Ave. between Exposition Blvd. and Santa Barbara Ave., to G. H. Oswald, 366 East 58th St., $35,258.

Calif., Los Angeles — Los Angeles Co., constructing roadways at Olive View Sanitarium near Sylmar, to DeWitt and Morine, 1311 West 53rd St., $40,950.

Calif., San Anselmo—Improving Greenfield Ave., 3,500 cu.yd. excav., 91,000 sq.ft. grading, 5,900 lin.ft. concrete curbing and guttering, 91,000 sq.ft. asphaltic concrete paving, etc., to A. G. Raisch, 46 Kearny St., San Francisco, $36,249. Noted Oct. 2.

Buildings—Industrial

PROPOSED WORK

Mass., South Boston (Boston P. O.) — Factory—Simonds Saw & Steel Co., Farnsworth St., plans 1 story addition. $40,000. Private plans.

Conn., East Berlin — Factory — W. W. Mildrum Jewel Co., plans rebuilding factory destroyed by fire. $40,000. Engineer and architect not selected.

N. J., Trenton — Plant — W. and J. Sloane, 5th Ave. and 47th St., New York City, plans plant, here. $2,000,000. Engineer and architect not selected.

Pa., Allentown — Mill — Majestic Silk Mills, c/o Jacobs & Everett, archts., Commonwealth Bldg., having plans prepared 2 story, 66 x 213 ft. addition.

Pa., Phila.—Factory—Simplex Valve & Meter Co., 1112 North Broad St., having plans prepared by E. A. Wightman, Bankers Trust Bldg., 1 story and basement, 90 x 175 ft., brick and steel, plain foundation, 68th St. and Woodland Ave.

Pa., Phila.—Packing House—J. Morrell & Co., 816 Noble Pl., 3 story and basement, 50 x 126 ft., rein.-con. and brick, plain foundation, Darien and Noble Sts., to J. N. Gill Constr. Co., City Centre Bldg. Archts. est. $50,000.

Pa., Whites Ferry—Shop—St. Michaels Industrial School, 2 story and basement, 50 x 98 ft. shop, to Whipple Bros., Laceyville. Archts. est. $40,000.

Fla., Deland — Power Plant — Election Nov. 28, $300,000 bonds for new plant. S. D. Jordan, city clk.

Miss., Hazelhurst—Plant—See "Waterworks."

La., Shreveport — Shop — Mid-Continent Tank Car Co., Coffeyville, Kan., making preliminary plans tank car shops, here. Private plans.

O., Akron — Factory — Bessler Movable Stairway Co., 1900 East Market St., plans 5 story, 100 x 120 ft. factory. $125,000-$150,000.

O., Cleveland—Factory—Bourne-Fuller, c/o M. H. Hopkins, secy., Hanna Bldg., had plans prepared by W. Brown, archt. and engr., c/o owner, 4 story, 70 x 170 ft., brick and steel, Scranton Rd. $150,000.

O., Cleveland—Plant, etc.—Eclipse Electro-type & Engraving Co., F. Clark, pres., 2041 East 3rd St., plans 3 or 4 story and basement, brick and steel, 1457 Superior Ave. $150,000. Engineer and architect not selected.

Wis., Appleton—Creamery—Peterson & Wilharms, c/o A. Peterson, R. 5, plans 2 story, brick and tile, plain foundation, 2nd Ave. $30,000-$40,000. Sngineer and architect not selected.

Wis., Hiles—Mill—C. Fish Lumber Co., Elcho, plans rebuilding 2 story, brick or timber, plain foundation, recently destroyed by fire. $45,000. Engineer and architect not selected.

Minn., Minneapolis—Plant, etc.—Twin City Trading Co., R. M. Ivey, pres., 106 Chamber of Commerce Bldg., and Albert Dickinson Co., J. R. Birkelund, mgr., Elm St. and 25th Ave. S. E., plan 6 or 7 story, concrete and brick plant, and 43 grain tanks, steel, 80 ft. high, 550,000 bushel capacity, Elb St. and 25th Ave. S. E. $400,000.

Mo., St. Louis — Garage and Shop — Peoples Motorbus Co., 585 Adelaide Ave., University City, having plans prepared by Mauren, Russell & Crowell, Chemical Bldg., 1 and 2 story, 82 x 257 ft., rein.-con. and brick garage and shop, Rosedale St. $100,000 up.

Mo., St. Louis—Laundry—City making preliminary plans 2 story and basement, rein.-con., brick and stone, City Sanitarium grounds. $155,000. L. R. Bowen & H. Updike, 301 City Hall, engrs. L. R. Bowen & E. E. Christopher, 301 City Hall, archts.

Tex., Corpus Christi — Plant — Pressed Metal Mfg. Co., making plans altering and constructing 1 story, 110 x 180 ft., rein.-con. and brick. $150,000. Private plans.

Tex., Crowell—Plant—R. Porter, Blackwell, Okla., plans electric ice and power plant, brick and concrete, here. $100,000.

Tex., Dallas — Factory — H. E. Spalti, pres. Oliver & Myers Mfg. Co., Canton and Young Sts., soon takes bids brick and steel, plain foundation, Young St. $250,000. Engineer and architect not announced.

Tex., Greenville—Mill—Greenville Cotton Oil Co. soon takes bids rebuilding plant recently destroyed by fire. $300,000. Private plans.

Tex., Littlefield—Plant—R. E. McCaskill, Electra, plans electric light and power plant, here. $60,000.

Tex., Panhandle—Oil Refinery—Big Four Refinery, Long Beach, Calif., making plans oil refinery, brick stills, etc., here. $150,000. Private plans.

Tex., Port Arthur—Plant—R. H. Knoohinzen, c/o Chamber of Commerce, plans 2 story and part basement, 160 x 240 ft., brick and stone factory. $160,000. Engineer and architect not announced.

Tex., Smithville—Cotton Mill—Syndicate, c/o Chamber of Commerce, plans rein.-con. and brick mill. $300,000.

Tex., Stamford—Mill—W. Winfrey, Ft. Worth, making plans 2 story, rein.-con. and brick mill, here. $500,000. B. D. Blanton, 3708 Harvard St., Dallas, engr.

Wash., Lacey—Plant—Dumor Chemical Co., Pioneer Bldg., Seattle, plans powder plant on 160 acre site, Hawkes Prairie, Thurston Co., near here. A. H. Kohn, pres.

Calif., Los Angeles—Sub-Station—D. and J. Parkinson, archts., Title Insurance Bldg., soon take bids 3 story (ultimately 5 story) and basement, 75 x 80 ft., rein.-con., brick and steel addition, Vermont Ave., for Pacific Telephone and Telegraph Co.

N. S., Halifax—Cattle Building, etc.—See "Unclassified."

Ont., Mitchell—Plant—Mitchell Mfg. Co. plans 100 x 450 ft. plant. $50,000.

Ont., Toronto — Factory — Royal Cloak Co., 355 Adelaide St. W., plans 4 story and basement, rein.-con., brick and steel, Richmond St. $150,000. Engineer and architect not selected.

BIDS DESIRED

Mich., Detroit — Factory — Kohner & Seeler, archts., 1402 Kresge Bldg., taking bids and open same about Nov. 25, 3 story and basement, 100 x 160 ft., rein.-con. and brick, plain foundation, Piquette Ave., for Jacoby Dry Cleaners, 10 Custer St. Noted Oct. 9.

Wis., Milwaukee—Plant—Nov. 14, by E. Schroeder Co., archts., 405 Bway., 2 story and basement, 50 x 150 ft., brick and concrete, plain foundation, Clybourn St., for Mandel Engraving Co., 14 Wells St. $60,000.

Wis., Plymouth—Cold Storage—Plymouth Refrigerating Co. taking bids 10 story, 56 x 60 ft., brick and concrete addition. E. A. Juul, Security Bank Bldg., Sheboygan, archt.

Calif., San Francisco—Plant—Couchot & Rosenwalt, archts., 60 Sansome St., taking bids 4 story and basement, 140 x 240 ft., rein.-con. and steel addition, 2nd St., for Schmidt Lithograph Co., Bryant and 2nd Sts.

CONTRACTS AWARDED

Mass., Lynn—Factory—J. E. Knox & Co., Broad St., 1 story, brick and mill, Broad St., to W. T. Reed & Co., 260 Devonshire St., Boston. Archts. est. $50,000.

Mass., Watertown—Factory—Lewis Sheppard Co., 566 1st St., South Boston, 1 story, 55 x 300 ft., brick, Walnut St., here, to Somers & Drisco, 168 Dartmouth St., Boston. Archts. est. $60,000. Noted Oct. 23, under South Boston.

Mass., Worcester — Factory — Morgan Constr. Co., 14 Belmont St., 1 story, 150 x 250 ft., brick, Crescent St., to E. J. Cross Co., 82 Foster St. Noted Oct. 16.

N. Y., Brooklyn—Asphalt Plant—General contract municipal asphalt plant, Hamilton Ave., to Lever Constr. Co., 132 West 43rd St., New York City, $238,350.

Pa., Connellsville — Factory — Capstan Glass Co., G. F. Rieman, pres., 1 and 2 story, brick and steel factory, 100,000 sq. ft. floor space, to Austin Co., 16112 Euclid Ave., Cleveland, O. Archts. est. $150,000.

Pa., Washington—Factory—Finley Clay Pottery Co., 1 and 4 Story, 160 x 160 ft., brick and steel factory, to Austin Co., 16112 Euclid Ave., Cleveland, O. $150,000.

O., Cleveland—Factory—Harris Automatic Press Co., c/o R. V. Mitchell, pres., 4510 East 71st St., 1 story factory, to H. K. Ferguson Co., 4900 Euclid Ave. Archts. est. $40,000.

Ill., Rock Island—Factory—Servus Rubber Co., 401 Central Park Bldg., 3 story, 80 x 150 ft., rein.-con. and brick, to M. A. Floyd & Co., Andrus Bldg., Minneapolis, Minn.

Wis., Eden—Cannery—Stephens Canning Co., O. Stephens, pres., Elkhart Lake, will build 3 story, 82 x 200 ft., brick and mill, plain foundation, by day labor. $200,000. Private plans. Noted Aug. 28.

Wis., Milwaukee—Factory—H. J. Esser, engr. and archt., 82 Wisconsin St., 3 story, 50 x 74 ft., and 52 x 400 ft., brick and mill, plain foundation, Keefe Ave., to P. Riesen's Sons, 1018 Humboldt Ave., for Keefe Ave. Realty Co., c/o architect.

Wis., Racine — Machine Shop — Walker Mfg. Co., Hamilton and Michigan Sts., 1 story, 100 x 182 ft., concrete, plain foundation, Hamilton St., to C. O. Johnson, 224 La Fayette Ave.

Minn., Cloquet—Plant—G. and W. A. Refrigerator Co., 2 story, 75 x 100 ft., rein.-con., brick and steel addition, concrete pile foundation, to Carlson & Schurr, Cloquet, $50,000.

Calif., Stockton — Plant — Natl. Paper Products Co., Church and Stockton Sts., 1 story, brick and timber annex, East Church St., to Davis-Heller-Pearce Co., Delta Bldg., $42,000.

Buildings—Commercial

PROPOSED WORK

Me., Brewer—Gymnasium—H. R. Houston, Supt. of Schools, soon takes bids 2 story, gymnasium and assembly hall addition to high school. $170,000. Butterfield-Guertin Co., 801 Beach St., Manchester, archts. Noted Sept. 25.

Me., Sanford—Hall—Bd. Selectmen plans town hall. $150,000. Engineer and architect not selected.

N. H., Concord—Home—First Church of Christ Scientist, 20 Greenleaf St., Boston, Mass., plans home on Pleasant St. To exceed $150,000. Engineer and architect not selected.

Mass., Boston—Memorial—B. F. Keith, Inc., c/o R. G. Larson, 20 Mascot St., plans B. F. Keith Memorial Building, Mason St. $2,000,000. Engineer and architect not selected.

Mass., Cambridge (Boston, P. O.)—Apartment—J. Genarry, 147 Pleasant St., having plans prepared by N. Douglas, 393 Bway., 3 units, 3 story and basement, 35 x 55 ft. each, brick, Pleasant St. $150,000.

Mass., Needham—Exchange—New England Telephone & Telegraph Co., Oliver St., Boston, having sketches made by P. A. Hopkins, 50 Congress St., Boston, exchange, Pickering St., here. $150,000. Noted Oct. 2.

Mass., Onset — Church and Chapel — Roman Catholic Church Society, c/o F. Lyons, pastor, plans church and chapel replacing one recently burned. To exceed $150,000. Engineer and architect not selected.

Mass., Revere—Church and Chapel—Immaculate Conception Roman Catholic Church, c/o F. Holland, pastor, plans 1 and 2 story, church and chapel, at Point of Pines. $150,000. Engineer annd architect not selected.

Conn., New Britain — Schools — School Dept. plans two 16 room schools, in Monroe and Lincoln Dists., and one 10 room Viets Tract. $150,000. Engineer and architect not selected.

Conn., Stamford — Hospital — Stamford Hospital Assn., Hubbard Hill, soon takes bids 3 story and basement, 40 x 100 ft., brick and steel, plain foundation. $250,000. G. B. Post, 101 Park Ave., New York City, archt. Noted Sept. 4.

Conn., Stamford — Service — Yale & Towne, 200 Henry St., plan employees service building. $150,000. Engineer and architect not selected.

N. Y., Albany — Warehouse — Albany Terminal & Security Warehouse, 24 Tivoli St., plans 125 x 420 ft. warehouse, Tivoli St. $200,000. J. G. Perkins, genl. mgr. Engineer and architect not selected.

Buildings—Commercial (Continued)

N. Y., New York — Apartment — Ninto Building Corp., c/o Sugarman, Hess & Berger, archts. and engrs., 18 East 41st St., having plans prepared 15 story, 102 x 215 ft., Bway. and 94th St. $2,500,000.

N. Y., New York—Apartment—Owner, c/o G. Keister, archt., 56 West 45th St., making sketches 12 story, steel, brick and stone, plain foundation, 98th St. and Madison Ave.

N. Y., New York—Apartment—J. Polstein, 170 Bway., having plans prepared by G. and E. Blum, 505 5th Ave., 14 story, steel, brick and stone, plain foundation, Park Ave. C. J. Jeppesen, 49 West 45th St., engr.

N. Y., New York—Club and Hotel—Level Club, 922 St. Nicholas Ave., soon takes bids 14 story, steel, brick and stone, plain foundation, 251 West 73rd St. $1,000,000. Clinton & Russell, 100 Maiden Lane, archts.

N. Y., New York—Home—Beth Abraham Home, plans 4 story, 57 x 221 ft., brick, steel and stone, plain foundation, Allerton Ave. and Bronx Park East. $350,000.

N. Y., New York—Office and Stadium—G. L. Rickard & J. Ringling, Madison Sq. Garden, soon takes bids 26 story, brick, steel and stone, plain foundation, 8th Ave. between 49th and 50th Sts. $18,000,000. Noted July 10.

N. J., Jersey City—Hotel—Plaza Apartment Hotel Corp., c/o Clinton & Russell, archts., 100 Maiden Lane, New York City, having plans prepared 15 story, 75 x 230 ft. brick, steel and stone, plain foundation, Enos Pl.

N. J., Newark—Office—Union Building Co., M. Rachen, pres., c/o G. E. Jones, archt. and engr., Union Bldg., having plans prepared 12 story, steel, brick and stone, plain foundation, Academy St. $1,500,000.

Pa., Allentown—School—School Bd., S. P. Menner, secy., Administration Bldg., having plans prepared by E. N. Pickin, Hunsicker Bldg., 2 story and basement, 50 x 100 ft. and 100 x 270 ft. addition to Roosevelt School.

Pa., Hughesville—High School—School Dist. plans 3 story and basement, 140 x 140 ft., brick high school. $250,000. Engineer and architect not selected.

Pa., Pittsburgh — Store and Office — Southfield and Sixth Ave. Land Co., Keenan Bldg., having revised plans prepared by B. Jonnsen, Century Bldg., 4 and 6 story and basement, 100 x 110 ft., and 125 x 165 ft. store and office building. $500,000.

Pa., Pittsburgh — Warehouse — B. H. Voskamp Sons, Inc., Terminal Warehouse, having plans prepared by Hunting Davis Co., Century Bldg., 4 story and basement, 125 x 165 ft., brick, rein.-con. and steel, 24th St. $250,000.

Pa., Warren — Church — First Baptist Congregation having plans prepared by J. N. H. Hicks, Palace Bldg., Erie, 2 story and basement church. $150,000.

D. C., Wash.—Apartment—Goldsmith & White, 1410 G St. N. W., having plans prepared by F. R. White, 1410 G St. N. W., apartment house, New Hampshire Ave. and U St. N. W. $300,000.

D. C., Wash. — Apartment Hotel — H. Wardman Constr. Co., 1430 K St. N. W., having plans prepared by Wardman & Waggaman, 1430 K St. N. W., new apartment hotel, 16th and H Sts. $3,000,000.

D. C., Wash.—Apartment Hotel—Walker Hotel Corp., 1117 Connecticut Ave., plans addition to Walker Hotel, $1,000,000. W. R. Crane, 345 Madison Ave., New York City, archt.

Fla., Tampa — Hotel — Wynne-Cloughton Realty Co., Atlanta, Ga., plans 10 story hotel, here.

Fla., Tampa—Theatre—Wynne-Claughton Realty Co., Atlanta, Ga., plans theatre, here. $500,000.

O., Akron—Theatre—High and Main Realty Co., B. A. Polsky, (interested), 45 Hulbert Ave., plans 2 story theatre, South Main St. $1,000,000. C. W. and G. L. Rapp, 190 North State St., Chicago, archts.

O., Cleveland—Office—Lake Shore Land & Development Co., c/o S. H. Kleinman, Natl. City Bldg., plans 4 story, 110 x 200 ft., brick, steel, concrete and terra cotta top addition, East 61st St. and Euclid Ave. $350,000. Engineer and architect not selected.

O., Cleveland Heights (Warrensville P. O.)—Church and Parish House—St. Albans Episcopal Church, c/o J. E. Carhartt, pastor, 2577 Euclid Heights Blvd., Cleveland, having plans prepared by Cram & Ferguson, 248 Boylston St., Boston, Mass., 1 and 2 story, brick, steel and concrete, Edgecliff and Euclid Heights Blvd., here. $200,000.

O., Columbus—Office—Ohio Fuel Gas Co., Chestnut and High Sts., making plans 5 story and basement, 61½ x 187½ ft., brick, stone and concrete, Long and Front Sts. $250,000. Engineer* and architect not selected.

Wis., Beloit — School — Bd. Vocational Educ., c/o F. E. Converse, supt., having plans prepared by Merman & Skogstad, Linker Bldg., La Crosse, 2 story and basement, brick and tile, plain foundation. $150,000.

Wis., Milwaukee — Apartment — W. F. Neumann, archt., 114 Grand Ave., preparing plans 3 story and basement, 92 x 100 ft., brick and tile, plain foundation, 7th St. $160,000. Owner's name withheld.

Wis., Milwaukee—Public Safety—City and Milwaukee Co. having plans prepared by A. Ross, 1 Pershing Sq., New York City, and A. C. Clas, 445 Milwaukee St., 4 story and basement, stone, steel and concrete, 8th and Cedar Sts. $2,000,000. City plans election in November $1,400,000 bonds to cover its share of cost.

Neb., Omaha—Office—M. L. Busch, c/o Gallagher & Nelson, 518 Peters Trust Bldg., plans office building, 19th and Dodge Sts. $250,000. Engineer and architect not selected.

Mo., Fulton—College—Presbyterian Synod of Missouri, Springfield, plans girls college, here. $500,000.

Mo., Hollister — College — Presbyterian Synod of Missouri, Springfield, plans College, here. $200,000.

Mo., Jefferson City — High School — Bd. Educ. having plans prepared by Owen Paipon & Carswell, 505 Interstate Bldg., Kansas City, 3 story and basement, **115 x 190 ft.**, rein.-con., brick and stone. **$250,000.**

Mo., Jefferson City—University—Lincoln University, N. B. Young, pres., plans 2 and 3 story buildings, rein.-con., brick and stone, home economics building $125,000, gymnasium $50,000, infirmary $25,000 and dairy barn $15,000.

Mo., St. Louis—Apartment—G. Goodwin, c/o Weisel-Gerhart Realty Co., 8th and Chestnut Sts., making preliminary plans 3 story and basement, 125 x 200 ft., rein.-con., brick, stone and terra cotta, Cabanna St. $175,000. Private plans.

Mo., St. Louis — Theatre and Office — Skouras Bros. Enterprise, Grand Central Bldg., having plans prepared by C. W. Rapp & G. L. Rapp, 190 North State St., Chicago, 127 x 165 ft., rein.-con., steel, brick, stone and marble, 7th and Locust Sts. $2,300,000. Noted Oct. 23.

Tex., Harrisburg—School—Voted $350,000 bonds school building improvements, incl. fireproof high school, Junior high school, and addition to grammar school building. L. A. Glover, 604 Binz Bldg., and J. E. McLilland, 309 Woolworth Bldg., Houston, archts. Noted Oct. 16.

Okla., Ada—Court House—Pontotoc Co. election Nov. 4th, $175,000 bonds for 2 story and basement 160 x 220 ft., rein.-con. and brick, plain foundation, Bway. H. S. Darlington, engr. Architect not selected.

Okla., Sapulpa — Civic and American Legion—City making preliminary plans 2 story and basemen,t 100 x 140 ft., rein.-con. and brick, plain foundation, Main St. Election in December $150,000 bonds for same. F. E. Lawrence, Sapulpa, engr. Architect not selected.

Calif. Burbank—High School—Election soon $280,000 bonds for high school.

Calif., Burbank — Schools — Burbank Grammar School Dist. election soon $200,000 bonds additional grammar schools.

Calif., Burbank—Store and Apartment—R. Zener (representing owner), 7562 Sunset Blvd., Los Angeles, plans 4 story, 125 x 150 ft., probably brick, Sunset Blvd. $150,000.

Calif., Compton—Administration—Compton Union High School Dist., having plans prepared by Rea and Garstang, Trust & Savings Bldg., Los Angeles, brick administration building, 1,800 seating capacity. $250,000.

Calif., Emeryville—Warehouse—Pacific Gas & Electric Co., 455 Sutter St., plans 5 or 6 concrete and brick warehouse buildings. $155,000. Private plans.

Calif., Los Angeles—Garage and Loft—Walker & Eisen, archts., Great Republic Bldg., preparing plans 13 story, basement and sub-basement, 125 x 150 ft., rein.-con., Los Angeles St. Owner's name withheld.

Calif., Los Angeles—High School—Bd. Educ. having plans prepared by Hunt & Burns, Loughlin Bldg., Junior High School, fireproof, Indiana and Percy Sts. To exceed $200,000.

Calif., Los Angeles—Hotel—J. Feldman, 4216 Brightno Ave., had plans prepared 4 story and basement, 50 x 125 ft., brick and concrete, 4ht St. Private plans.

Calif., Los Angeles—Terminal and Office — Subway Terminal Corp., c/o Schultze & Weaver, archts., Pacific Mutual Bldg., having plans prepared terminal and office building, Hill St. $2,000,000.

Calif., Monrovia—Sanitarium—R. T. Williams, 134 North Myrtle St., plans 4 story fire proof building. $150,000 or more.

Calif., Oakland — Nurses Home, etc. — Alameda Co. having plans prepared by H. H. Meyers, Kohl Bldg., San Francisco, three 2 story and basement, rein.-con. home for nurses and employees building at Highland Co. Hospital. $400,000.

Calif., Pasadena—Club—Pasadena Athletic & County Club, c/o Marston, Van Pelt and Maybury, archts., 25 South Euclid Ave., having plans prepared, to exceed 8 story, on 150 x 195 ft. site, Green St.

Calif., Redlands—Schools—Plans election $350,000 bonds to construct 2 schools to replace Franklin and Kingsbury Schools.

BIDS DESIRED

Mass., Boston — Hospital — Beth Israel Hospital, Townsend St., Roxbury, taking bids 3 story and basement, 35 x 65 ft., brick and limestone, Brookline and Longwood Aves. To exceed $150,000. Densmore, LeClear & Robbins, Park Sq. Bldg., archts. Noted May 29.

Mass., Boston — Police Headquarters — Nov. 19, by Dept. Pub. Buildings, 7 story, basement and sub-basement, 100 x 140 ft., brick and stone, Stuart, Berkley and Stanhope Sts. $700,000. Ritchie, Parsons & Taylor, 15 Ashburton Pl., archt. Noted Oct. 30.

Mass., Norwood — High School — Town Bd. Selectmen, taking bids 2 story and basement, brick and stone. $300,000. W. S. Upham, Norwood, archt. Noted July 10.

Mass., Woburn—Store and Office—Corporation, c/o F. H. Gowing, 101 Tremont St., Boston, taking bids 2 story and basement, 40 x 180 ft., rein.-con. and brick, Federal St., here. $150,000.

Conn., Hartford—Garage—Golden, Storrs & Co., archts., 983 Main St., taking bids 2 story and basement, brick, steel, plain foundation, Goodman Pl. and Orchard Sts., for Katz Bros., 28 Orchard St. $150,000.

Conn., Hartford—Hotel—Golden, Storrs & Co., archts., 983 Main St., taking bids 3 story and basement, 65 x 75 ft., brick and steel, plain foundation, High St., for L. Stroub, 750 Main St. $150,000. Noted Oct. 23.

N. Y., New Dorp (Sta. Staten Island, N. Y.)—School—Nov. 25, by W. H. Gompert, supt. school buildings, Flatbush Ave. extension and Concord St., Brooklyn, constructing P. S. 41, Clawson St., here, for Bd. Educ., 500 Park Ave., New York.

N. Y., New Brighton—School—Nov. 25, by W. H. Gompert, supt. school buildings, Flatbush Ave. extension and Concord St., Brooklyn, constructing P. S. 40, Henderson and Lafayette Aves., here, for Bd. Educ., 500 Park Ave., New York.

N. Y., New York—School—Nov. 25, by W. H. Gompert, supt. school buildings, Flatbush Ave. extension and Concord St., Brooklyn, constructing P. S. 116, East 33rd St., here, for Bd. Educ., 500 Park Ave.

Pa., Hollidaysburg—Home—Huntingdon Presbytery, c/o D. L. Kloss, Tyrone, taking bids, altering and constructing 2 story and part basement, 36 x 94 ft. and 40 x 48 ft. brick, tile and steel addition. $150,000. J. Milliard, Central Trust Bldg., Altoona, archt.

Pa., Phila.—Apartment—The Margrave, c/o T. J. Whelen, 20th and Chestnut Sts., will build 4 story and basement, 50 x 122 ft., brick and steel, plain foundation, 4629 Kingsessing St. $150,000. Work will be done by separate contracts. H. W. Goddard, 1624 Chestnut St., archt.

Pa., Wilkes-Barre — College — W. R. Schrodder & Schmidt, archts., Weitzenkorn Bldg., taking bids 3 story and basement, 100 x 100 ft., brick, plain foundation, for Order Eagles, c/o architects.

Pa., Wilkes-Barre—School—Dec. 2, by Secretary Bd. Wilkes-Barre Institute, 3 story and basement, rein.-con., brick and stone, $300,000. W. E. Ittner, 911 Locust St., St. Louis, Mo., archt. Noted Aug. 14.

Md., Baltimore—Police Headquarters—Nov. 19, by Bd. Awards, 5 story and basement, concrete, brick and steel, plain foundation, Lexington St. and Fallsway Ave., $1,000,000. W. W. Chapin, 347 Madison Ave., New York, engr. J. Pennington, 330 North Charles St., archt.

N. C., Raleigh—Office—Dec. 1, at office W. N. Everett, secy. of state, office building, Morgan and Salisbury Sts. Atwood & Nash, Inc., Chapel Hill, archts. and engrs.; adv. E. N.-R. Nov. 6.

O., Cleveland — School — W. C. Jansen, archt., 1227 Prospect Ave., taking bids and opens same about Nov. 7, 2 story and basement, 112 x 134 ft., brick, steel and concrete, Columbus and Wiley Aves., for St. Wendelins Roman Catholic Church, A. Tomasek, pastor. $250,000.

O., Warren—High School—Nov. 10, by Bd. Educ., L. O. Wurtemberger, dir., Hard-

Buildings—Commercial (Continued)

ing High School, 3 story and basement, 260 x 305 ft., brick, steel and concrete. $700,000. Keich, O'Brien & Hosker, Western Reserve Natl. Bank Bldg., archt.

Mich., Detroit—Garage—Smith, Hinchman & Grylls, archts., 800 Marquette Bldg., taking bids and open same about Nov. 15, 12 story, 100 x 200 ft., rein.-con., brick and steel, plain foundation, Adams and Randolph Sts., for Whitney Estate, David Whitney Bldg.

Mich., Detroit—School—Nov. 18, by C. A. Gadd, bus mgr. Bd. Educ. 1354 Bway. Ave., 2 story and part basement, 108 x 150 ft. rein.-con., brick and steel, plain foundation, Indiandale Ave. $150,000. Malcomson & Higginbotham, 1217 Griswold St., archts.

Wis., Milwaukee—Store and Office—Nov. 12, by M. Tullgren & Sons, archts., 425 East Water St., 2 story and basement, 126 x 138 ft., brick and steel, plain foundation, Lincoln Ave., for H. Bills, 768 National Ave. $150,000.

Wis., Sparta—School—Nov. 17, by State Bd. Control, J. J. Hannan, secy., Madison, 3 story, 50 x 150 ft., rein.-con., brick and steel, plain foundation, at State Public School, here. A. Peabody, State Capitol, Madison, archt.

Neb., Lincoln — Church — Westminster Presbyterian Church, c/o W. Grant, chmn., taking bids brick, stone and steel, 25th and Sheridan Sts. $300,000. Davis & Wilson, 515 Security Mutual Bldg., Lincoln, archts.

Mo., Columbia—Home Economics—Nov. 21, by Curators University of Missouri, 2 story, basement and attic, 64 x 102 ft., concrete and stone, plain foundation. Jamieson & Spearl, Arcade Bldg., St. Louis, archts.

Mo., Independence—School—Nov. 12, by Bd. Educ. at Library Bldg., 2 story and basement, 60 x 102 ft., and 120 x 384 ft., brick, concrete and stone. $200,000. Owen, Payson & Carswell, 505 Interstate Bldg., Kansas City, archts.

Mo., Marshall—Dormitories—Nov. 11, by Eckel & Aldrich, archts., at Hotel Jefferson, St. Louis, Mo., Dormitories J and K, two 3 story and basement, 36 x 70 ft. each, with connecting corridors and passageways, concrete, brick and stone, at Colony of Feeble-Minded, here, for Bd. Mgrs. State Elecmosynary Institutions, Jefferson City. $160,000.

Tex., Corsicana—Bank and Office—Nov. 15, by State Natl. Bank, c/o B. B. Munsey, pres., 8 story and basement, 50 x 95 ft., brick, stone, granite and rein.-con., Beaton and Collins Sts. $300,000. C. D. Hill & Co., 501 Kress Bldg., Houston, and G. O. Banding, Hardy Peck & Peck Bldg., Corsicana, archts. Noted Oct. 9.

Tex., Laredo—Hotel—L. Lyons, taking bids 6 story and basement, 100 x 100 ft. hotel, Hidalgo St. $200,000. J. M. Marriott, Frost Natl. Bank Bldg., San Antonio, archt.

Tex., McAllen—College, etc.—Dec. 1, by J. M. Carroll, pres. Carroll College, 3 story and basement, 120 x 210 ft. college and 20 x 40 ft. power house, rein.-con. and brick, plain foundation. $300,000. H. Smith, Commerce Natl. Bank, San Antonio, archts.

Okla., Oklahoma City—Hotel—Nov. 25, by J. Huckens, Jr., 1703 North Hudson St., altering 2 story, 140 x 200 ft., rein.-con. and brick, plain foundation, also constructing 50 x 50 ft. addition, Bway. W. H. Well, St. Louis, engr.

Calif., Los Angeles—Hospital—Stromwell-Halreering Co., archts., 1007 South Grand Ave., taking bids 5 story, 50 x 150 ft., rein.-con., Council St., for Osteopathic Sanitarium Hospital, Inc. $450,000. Noted Oct. 23.

Calif., Los Angeles—School—Nov. 14, by Bd. Educ., 2 story, 85 x 200 ft., brick addition, Walnut St. A. C. Martin, Higgins Bldg., archt.

Calif., Los Angeles — Store, Office and Lodge—Morgan, Wells & Clements, archts., Van Nuys Bldg., taking bids 3 story and basement, brick, also improving present building, Hoover and 23rd Sts., for Golden State Masonic Lodge, c/o architects. $150,000 or more.

Calif., South Pasadena—Theatre—West Coast Theatres, Inc., Knickerbocker Bldg., Los Angeles, taking bids 2 story, 100 x 125 ft., brick, Fair Oaks and Oxley Sts. $150,000. L. A. Smith, 3rd and Western Aves., Los Angeles, archt.

BIDS RECEIVED

Conn., Greenwich — High School — Bd. Educ., 3 story and basement, 104 x 296 ft., brick, plain foundation, Fieldpoint Rd., from T. N. Gibbs Constr. Co., 215 South Broad St., Phila. $511,112. Noted Oct. 16.

O., Springfield—Administration, etc.—Schenck & Williams, archts., 908 Mutual Home, Dayton, Oct. 27, 3 and 4 story and basement, 19 x 38 ft. administration building, 1 story and basement, 53 x 158 ft. children's building, 2 story and basement, 89 x 106 ft. service building, and 2 story and basement, 53 x 61 ft. nurses home, concrete, brick and tile, from Middlestates Constr. Co., 524 East Hudson St., Columbus, $269,000.

Minn., St. Paul—School—Bd. Educ., R. S. Ferguson, comr., City Hall, Oct. 28, general contract, 2 story and basement, rein.-con., tile, brick and stone, leveland and University Aves., from McManis Constr. Co., 484 Endicott Bldg., $117,669. Noted Oct. 23.

CONTRACTS AWARDED

N. H., Exeter — Dormitories — Phillips Exeter Academy, three 3 and 4 story and basement, brick and limestone, to E. W. Pitman Co., Bay State Bldg., Lawrence, Mass.; heating system in same, to T. A. Ridder & Co., 304 Dover St., Boston, Mass. Noted Oct. 23.

Mass., Lynn—Office—Lynn Gas & Electric Co., Exchange St., 3 story and basement, 65 x 75 ft., brick and tile, Preston St., to Campbell Bros., 101 Sagamore St. Archts. est. $150,000. Noted Oct. 2.

Mass., Boston — Bank — Kidder-Peabody Co., 115 Devonshire St., 3 story and basement, 40 x 180 ft., Devonshire St., to L. P. Soule & Sons Co., 80 Boylston St. Archts. est. $150,000 or more.

R. I., Providence—Hospital—Providence Lying-in Hospital, State St., 5 story and basement, 42 x 400 ft., brick and stone, Pleasant St., Valley Parkway, to C. B. Maguire Co., 507 Grosvenor Bldg. Archts. est. $600,000-$800,000. Noted Aug. 28.

Conn., Groton—Infirmary—Whiton & McMahon, archts., 803 Main St., Hartford, 3 story and basement, 37 x 150 ft., brick and steel, plain foundation, here, to W. R. Muirhead & Son, 948 Main St., Bridgeport, for Odd Fellows Home Corp. of Connecticut. Archts. est. $250,000. Noted Aug. 28.

Conn., Hartford — Hotel — L. Lipman, Savoy Hotel, 369 Trumbull St., 3 story and basement, brick and steel, plain foundation, Chapel St., to Wise & Upson, 36 Pearl St. Archts. est. $150,000. Noted Sept. 25.

Conn., New Britain — School — School Dept., two 2 story and basement, brick additions to Smalley School, plain foundation, Talcott St., to Hayes Constr. Co., 9 Court St. Archts. est. $150,000. Noted Sept. 11.

Conn., New Haven — Dormitory — Yale University, c/o Yale Buliding Dept., will build 3 story and basement, 40 x 100 ft., brick, plain foundation, by day labor. $150,000.

Conn., New Haven—Office—Security Insurance Co., 115 Elm St., 2 story and basement, 100 x 150 ft., brick, plain foundation, Whitney Ave., to C. T. Wills, 286 5th Ave., New York City. Noted Sept. 18.

N. Y., Glens Falls—Hotel—Glens Falls Hotel Corp., 5 story, brick and concrete, Ridge and Maple Sts., to J. G. White Eng. Corp., 342 Madison Ave., New York City, about $500,000.

N. Y., New York — Apartment — Sixty East 65th St. Corp., N. J. Hess, pres., c/o J. E. R. Carpenter, archt., 598 Madison Ave., 20 story apartment, Park Ave. and 65th St., to D. P. Robinson & Co., Inc., 125 East 46th St. Archts. est. $4,500,000.

N. Y., New York—Office—Fred T. Ley & Co., 19 West 44th St., will build 21 story, brick, steel and stone, plain foundation, Gold, John and Platt Sts., by day labor. $3,000,000. Private plans.

N. Y., White Plains—School—Bd. Educ., constructing brick, steel and stone addition, to J. Borup, Bronxville. Noted Oct. 9.

N. J., Plainfield—School—School Bd., 3 story grade school, general contract, to F. and C. Haerter, 765 Dewey Ave., West New York, $207,263; plumbing and heating to G. T. Tobin, 187 North Ave., $13,629 and $24,250 respectively.

N. J., Trenton Junction (Trenton P. O.)—Dining Hall, etc.—State Bd. Educ., Trenton, group buildings for School for Deaf, here, general contract, to V. Gondas, Franklin Trust Bldg., Phila., $378,000; heating and ventilating, to Jashnig & Peoples, Newark, $71,000; plumbing, to Trenton Plumbing & Heating Co., Broad and Greenwood Sts., Trenton, $36,648; electrical work, to Mercer Electric Co., 25 North Montgomery St., Trenton, $24,909. Noted Oct. 16.

Pa., Merion Sta.—School—Bd. Educ., 1 story and basement, 106 x 172 ft., rein.-con. and granite, plain foundation, to Bowden Constr. Co., 1935 Chestnut St., Phila., $154,500. Noted Oct. 30.

Pa., Phila. — Church — Second Church Christ Scientist 1 story, basement and balcony, 103 x 138 ft., brick and stone, plain foundation, Greene St. and School Lane, to F. L. Hoover, 1023 Cherry St. Archts. est. $200,000. Noted May 1.

Pa., Phila.—Church—Ascension of Our Lord, c/o D. I. Bronghal, Westmoreland and F Sts., 1 story and basement, 120 x 165 ft., stone and steel, plain foundation, to J. McShain, 1610 North St. Archts. est. $300,000. Noted Oct. 2.

Pa., Scranton — Club House — Scranton Bd. Trade, L. A. Watres, pres., 3 story and basement, 90 x 160 ft., brick and steel, plain foundation, North Washington St., to Beilman & Son, 220 Ash St. Archts. est. $400,000.

Pa., Wilkes-Barre — College — W. B. Business College, c/o V. L. Dodson, 54 West Market St., 3 story and basement, 45 x 160 ft., brick and steel, plain foundation, 54 West Market St., to J. Curtis & Co., 1 Hickory St. Archts. est. $150,000.

D. C., Wash.—Home—Amer. Security & Trust Co., 15th and Pennsylvania Aves., addition to Henry and Annie Hurt Home for Blind, to R. P. Whitty Co., Union Trust Bldg., $250,000.

O., Toledo — Hospital — Miller, Rhines, Bellman & Nordhoff, archts., Ohio Bldg., 4 story and basement, 42 x 265 ft., brick addition, plain foundation, to J. H. Berkebile & Sons, Bway., for St. Vincents Hospital, 2213 Cherry St. $227,000.

O., Youngstown—School—Bd. Educ., 3 story and basement, annex to Stambough School, tor Stanley & Sheible, 1301 Wick Bldg., $150,000. Noted Sept. 11.

O., Youngstown—Lodge and Mercantile — Eagles Lodge, 4 story and basement, lodge and mercantile building, to Hohloch Constr. Co., Youngstown, $250,000. Noted July 31.

Ill., Springfield — Store, etc. — Meyers Bros. Clothing Co., 10 story and basement, 80 x 160 ft., rein.-con., brick, steel and stone, 5th and Washington Sts., to C. J. Jobst & Co., 115 South Jefferson St., Peoria. Noted July 1.

Wis., Fond du Lac—Warehouse—Sanitary Refrigerator Co., 105 Oak Pl., will build 3 story, 100 x 102 ft., brick and timber addition, plain foundation, by day labor. $150,000. Private plans.

Wis., Milwaukee — Warehouse — A. H. Kienappel, archt., 359 Clinton St., 2 story and basement, 100 x 200 ft., brick and steel, plain foundation, 33rd Ave., to C. B. Danielson, 185 35th St., for Wadhams Oil Co., 359 Clinton St. Archts. est. $150,000.

Ia., Ottumwa — Hospital — St. Josephs Hospital, plain foundation and rein.-con. skeleton for 4 story and basement, 48 x 152 ft., 37 x 98 ft. and 43 x 70 ft., rein.-con. and brick, to Immel Constr. Co., Dana Bldg., Fond Du Lac, Wis. Noted Oct. 16.

Minn., Minneapolis—Apartments—Mosette Building Co., c/o A. Rose, archt., 1007 Builders Exchange, general contract sever 3 story and basement, 68 x 102 ft., concrete and brick, 35th St. and Dupont Ave S., to Fleisher Eng. & Onstr. Co., 1006 Builders Exchange, $100,000 each.

Minn., Minneapolis—Warehouse, etc.—Powers Mercantile Co., 5th St. and Marquett Ave., general contract 3 story and basement, 110 x 150 ft., rein.-con., brick tile and stone, 813 Western Ave., to S. M Klarquist Sons Co., 725 Security Bldg. $250,000. Former contract rescinded Noted Aug. 14.

Mo., St. Louis—Garage and Store—F. H Kentnor, 5321 Washington Ave., 3 story and basement, 108 x 233 ft., rein.-con. and brick, 3728 Washington Ave., to Boaz-Kle Constr. Co., 704 Chouteau Trust Bldg Archts. est. $250,000.

Calif., Alameda — High School — Bd Educ., brick and concrete, general contract to Cochrane-Boehm, Call Bldg., San Francisco, $311,872. Noted Oct. 30.

Calif., Berkeley — Church, etc. — First Congregational Church, c/o H. G. Simpson, archt., Call Bldg., (1st unit), brick and steel, to Lawson & Vezey, Call Bldg., San Francisco, $152,000. Noted May 7.

Calif., Long Beach—School—Long Beach School Dist., general contract, Jefferson Junior Union High School, to Orndorff & Gow, 351 North Western Ave., Los Angeles $113,000. Noted Oct. 30.

Calif., Los Angeles—Garage and Store—Crondeley Fireproof Garage Co., 8 story and basement, Class A, 6th St., to Shields Fisher & Lake, Rowell Bldg., Fresno Archts. est. $400,000.

Calif., Los Angeles—Office—Pub. Serv. Comn., 13 story, basement and sub-basement, 49 x 120 ft., rein.-con., 2nd St., to North Pacific Constr. Co., Detwiler Bldg., $287,500. Noted Oct. 30.

Calif., Los Angeles—Store and Office—F. E. Morgan, c/o Walker & Eisen, archts., Great Republic Bldg., 13 story and basement, 100 x 185 ft. rein.-con., 8th and Francisco Sts., to Macdonald & Kahn, Spring Arcade Bldg., fixed fee basis.

Calif., San Francisco—Apartment—Nineteen Sixty Bway., Inc., c/o Quantd & Bros., archts., Humboldt Bank Bldg., will build 10 story and basement, Class "A," Bway., by day labor. $200,000.

Ont., Toronto—School—Bd. Educ., 155 College St., 2 story and basement, brick,

Buildings—Commercial (Continued)

steel and concrete addition to Alexander Muir School, masonry, to B. E. Brobyn, 275 St. Helens Ave., $49,027; carpentry, to W. Moseley, 382 Indian Grove, $36,764, etc., total est. cost $150,000.

Federal Government Work

BIDS DESIRED

Mass., Boston — Breakwater, etc. — Nov. 28, by Treas. Dept. at office Supervising Archt., Wash., D. C., constructing breakwater, rebuilding sea wall, dredging and replacing fender piles, at U. S. Quarantine Sta., here.; adv. E. N.-R. Nov. 6.

Mass., Worcester—Remodeling—Nov. 21, by Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling Post Office, here.

R. I., Providence—Dredging—Dec. 5, by U. S. Engineer Office, dredging in Providence Harbor; adv. E. N.-R. Nov. 6.

Del., Wilmington—Excavation—Nov. 26, by U. S. Engineer Office, War Dept., Wash., D. C., excavating 650,000 cu.yd. material in Chesapeake and Delaware Canal.

Fla., Jacksonville—Pontoon Catamarans—Nov. 12, by U. S. Engineer Office, constructing pontoon catamarans for Dredge Major J. C. Mallery; adv. E. N.-R. Nov. 6.

Kan., Wichita—Remodeling—Nov. 17, by Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling Post Office and Court House, here.

Ind., Rochester—Post Office—Nov. 25, by Treas. Dept. at office Supervising Architect, Wash., D. C., constructing post office, here.

Wis., Milwaukee—Breakwater—Dec. 9, by U. S. Engineer Office, constructing breakwater at Milwaukee Harbor; adv. E. N.-R. Nov. 6.

Calif., Point St. George—Garage—Spec. 5038—Nov. 19, at Pub. Wks. Office, Navy Yard, Mare Island, constructing garage at radio compass station, here.

BIDS RECEIVED

Ga., Douglas—Post Office—Treas. Dept. at office Supervising Architect, Wash., D. C., constructing post office, here, from Deams & Groggin, Williamstown, Mass., $36,490. Noted Oct. 9.

Idaho, American Falls—Dam—Dept. Interior at Office Bureau Reclamation, Wash., D. C., constructing dam here, (1) high dam to impound 1,700,000 acre ft., Reclamation est. $1,680,000, and (2) low dam to impound 1,045,000 ft., Reclamation est. $1,280,000, from Utah Constr. Co., Ogden, Utah, (1) $1,936,000 (2) $1,530,000; from Atkinson & Atkinson, Portland, Ore., (1) $1,927,000 (2) slightly more than $1,530,000.

California — Road — Bureau Pub. Rds., San Francisco, improving San Marcos Rd., from Callahan Constr. Co., San Fernando Bldg., Los Angeles, contractor furnishing explosives. $116,912, Government furnishing explosives. $111,812.

Calif., San Diego — Elevator — Bureau Yards & Docks, Navy Dept., Wash., D. C., passenger elevator, from Otis Elevator Co., 815 15th St. N. W., Wash., D. C., (1) $8,958 (2) $3,733 (3) $985 (4) $12,549 (5) $959.

CONTRACTS AWARDED

La., New Orleans—Earthwork—U. S. Engineer Office, War Dept., Wash., D. C., 255,000 cu.yd. levee work in Atchafalaya Dist., to D. B. Hearin & Son, Baton Rouge, $43,936. Noted Oct. 16.

Tex., Galveston — Jetty Repairs — U. S. Engineer Office, Wash., D. C., jetty repairs in Galveston Harbor, here, to C. Clark & Co., Galveston, $300,000. Noted Sept. 25.

Unclassified

PROPOSED WORK

Bulkhead — Dartmouth, Mass. — West Shore Trust, New Bedford, plans bulkhead, fill solid and dredge in Apponagansett Harbor, here. $25,000. W. F. Williams, comr. Dept. Pub. Wks., Div. Waterways, Boston, engr.

Pile Pier—Wareham, Mass.—J. L. Tuttle, Wareham, plans pile pier between Town and Association Wharfs in Onset Bay, here. $25,000. W. F. Williams, comr. Dept. Pub. Wks., Div. Waterways, Boston, engr.

Park Improvements — Appleton, Wis. — Park Bd., J. A. Wood, secy., made plans and soon takes bids landscape work, grading, leveling, planting, seeding, etc., in Pierce Park. $40,000. D. Bushey, City Hall, engr.

Dock—Milwaukee, Wis.—Harbor Comn., F. Reynolds, secy., making plans 200 ft. pile and concrete dock, north of Chicago Rd. $25,000. F. A. Kaiser, City Hall, engr.

Paving Plant — Dallas, Tex. — Fuller Constr. Co., Henderson St. and Willis Ave., making plans brick and steel paving plant, plain foundation. $100,000. Private plans.

Grain Elevator—Houston, Tex.—Turning Basin Dist., Navigation Dist., c/o H. L. Washburn, aud. Houston Co., had plans prepared and takes bids about Nov. 1, rein.-con. grain elevator and bins, 1,200,000 bu. capacity. $1,000,000. J. S. Metcalfe Co., 108 South La Salle St., Chicago, engr. E. A. Tucker, Courthouse, Houston, associated engr.

Transmission Line—Oklahoma—Fairfax Electric Co., Fairfax, making plans 6 mi. high voltage electric transmission line from Fairfax to Ralston, also crossing over Arkansas River. $25,000. C. F. Huffaker, Fairfax, engr.

White Way — Norman, Okla. — Plans white way lighting system on Main St. from tracks of Santa Fe R.R. to Crawford Ave. $27,000. F. Cobb, city Hall, city engr.

Traffic Signals — Los Angeles, Calif. — Soon takes bids 100 traffic signals on various streets. To exceed $25,000. H. A. Van Norman, City Hall, engr.

Traffic Signal System — Oakland, Calif. —C. E. Hardy, city electrician, preparing preliminary plans traffic signal system, for City. $30,000.

Street Lighting System—South Pasadena, Calif.—Made plans 14 concrete standards on portions of Bonita Dr., 20 on Grove Ave., and 118 on Mission St. To exceed $25,000.

Grand Stand, etc.—Halifax, N. S.—Provincial Exhibition Comn., City Hall, soon takes bids grand stand $94,000, cattle building $197,000, arena $172,000, heating plant $32,000, and other buildings, etc., $89,277.

Underground Cable—Dundas, Ont.—Bell Telephone Co., plans to lay underground cable here. $25,000. Private plans.

BIDS DESIRED

Miscellaneous Construction—New York, N. Y.—Nov. 14, by Bd. Transportation, 49 Lafayette St., miscellaneous construction and station finish for Rapid Transit R.R.

Culvert — Columbia, La. — Nov. 12, by State Hy. Dept., Reymond Bldg., Baton Rouge, constructing 8 x 16 ft. rein.-con. box culvert, 40 ft. long, on Columbia-Colfax Highway, Caldwell Parish, near here. W. B. Robert, highway engr.

BIDS RECEIVED

Playground—Neponset, Mass.—Grading, etc. in W. H. Garvey Playground, from M. McGinnis & Co., 68 Rossmore Rd., Jamaica Plain, $23,301. Engrs. est. $25,000.

Mechanical Equipment, etc.—New York, N. Y.—W. H. Gompert, supt. school buildings, Flatbush Ave. extension and Concord St., Brooklyn, mechanical equipment, etc., in New York Training School for Teachers, West 135th St., plumbing from N. P. Lorenzo, 430 Pearl St., $79,600; heating, from Almirall & Co., 1 Dominick St., $157,981; electric work, from Jandous Electric Equipment Co., 109 West 31st St., $56,740. Noted Oct. 16.

Heating and Ventilating System — St. Louis, Mo.—Bd. Pub. Serv., 208 City Hall, Oct. 28, heating and ventilating system in Union Market and garage project, Bway., 6th, Morgan and Lucas Sts., from F. E. Newberry, Century Bldg., $35,666. Noted Oct. 2.

CONTRACTS AWARDED

Heating System — Exeter, N. H. — See "Buildings—Commercial."

Plumbing and Heating, etc. — Astoria (Long Island City P. O.), **N. Y.**—Bd. Educ., 500 Park Ave., New York City, plumbing in P. S. 122, Hallett St., here, to J. E. Kahn, 224 West 20th St., New York, $47,900, heating, to Almirall & Co., Inc., 1 Dominick St., New York, $115,038. Noted Oct. 16.

Heating—Auburndale (Flushing P. O.), **N. Y.** — Bd. Educ., 500 Park Ave., New York City, heating in P. S. 32, here, to D. J. Rice, 405 Lexington Ave., New York, $49,862.

Heating—Brooklyn, N. Y.—Bd. Educ., 500 Park Ave., New York, heating in P. S. 128, 84th St. and 21st Ave., here, to Austin Eng. Co., 121 West 42nd St., New York, $67,375.

Heating—Brooklyn, N. Y.—Bd. Educ., 500 Park Ave., New York, heating in P. S. 145, Central Ave., here, to Miller & Brady, Inc., 210 East 38th St., New York, $51,980.

Heating — Canarsie (Brooklyn P. O.), **N. Y.** — Bd. Educ., 500 Park Ave., New York, heating in P. S. 114, here, to H. Starkman Bros., 1482 2nd Ave., New York, $40,480.

Plumbing and Heating—New York, N. Y. —Bd. Educ., 500 Park Ave., plumbing in P. S. 136, Edgecomb Ave., to J. E. Kahn, 224 West 20th St., $49,700; heating, to Almirall & Co., Inc., 1 Dominick St., $114,899.

Subway Repair—New York, N. Y.—Transportation Bd., 49 Lafayette St., grouting leaks in Bway.-4th Ave. Rapid Transit R.R. at Lexington Ave. and 60th St., Agreement "DM," to M. D. Walsh, 1124 Finlay Ave. $5,938. Noted Oct. 23.

Swimming Pools—Long Branch, N. J.—West End Casino, Inc., two 40 x 125 ft. swimming pools, 400 bath houses, 325 ft. boardwalk, 80 ft. wide, and 225 ft. casino, to Hasbrouch Eng. Co., 16 East 41st St., New York City, $200,000.

Electric Transmission Lines — Trenton, N. J. — Public Serv. Electric Co., East State St., will dig trenches and lay high voltage lines through city, by day labor. $90,000. Private plans.

Heating and Ventilating—Trenton Junction (Trenton P. O.), **N. J.**—See "Buildings—Commercial."

Pier and Pavilion, etc.—Tampa, Fla.—City, 1,200 ft. pier, pavilion, shed, etc., to McGucken & Edwards, 204 Nebraska Ave., $43,800. Noted Sept. 11.

Transmission Line—Wisconsin—Wisconsin Power and Light Co., 16 North Carroll St., Madison, will rebuild high voltage transmission line between Beaver Dam and Horicon and lines in Beaver Dam also build stepping-up station in Beaver Dam, by day labor. $30,000. Private plans.

Culverts — Montezuma, Ia. — See "Bridges."

Grain Bins — Ft. Worth, Tex. — Kimble Milling Co., 10 rein.-con. grain bins, 90 ft. high, South Main St., to Jones-Hettelsater Co., Mutual Bldg., Kansas City, Mo., $75,000.

Culverts—Oklahoma—State Hy. Dept., Oklahoma City, 116 small culverts on State Aid Project 34, Garfield Co., to Green, Beekman Constr. Co., 519 West Main St., Oklahoma City, $64,808. Engrs. est. $70,000.

Harbor Improvements—Coronado, Calif. —City Trustees harbor improvements, 12,500 tons rock, 690 lin.ft. concrete bulkhead, 20,000 cu.yd. dredging, 43,000 sq.ft. pavement, 1,850 sq.ft. sidewalks, etc., to H. G. Fenton, Coronado, $126,039.

Speedway—Culver City, Calif.—Los Angeles Speedway Assn., constructing auto speed with bleachers and grandstand, 1,050 ft. long, 40,000 seating capacity, to A. C. Pillsburg, 1232 North Orange Dr., Beverly Hills, approximately $350,000.

Towers—Drummondville, Que.—Marconi Wireless Telegraph Co. Ltd., 111 St. Sacrament St., constructing 15 steel towers on concrete base, to Foundation Co. Ltd., 224 St. James St. Engrs. est. $150,000.

Transmission Line — Ontario — Hydro Electric Power Comn., 190 University Ave., Toronto, 12 mi. transmission line from Manotick toward Ottawa, to Code & Tett Ltd., Brockville, Engrs. Est. $25,000. Noted Oct. 30.

Hydraulic Turbine — Queenston, Ont. — Hydro Electric Power Comn. of Ontario, 190 University Ave., Toronto, hydraulic turbine, 55,000 hp., 300 ft. head, for unit 9, in power station, here, to Dominion Eng. Wks., Lachine, Que.

Aerodrome, etc.—Saulte Ste. Marie, Ont.—Dept. Forests & Mines, Parliament Bldg., Toronto, 1 and 2 story, 80 x 350 ft., rein.-con., brick and steel aerodrome and machine shop, general contract, to J. J. Kirkpatrick, 127 Church St.; steel frame, to Hamilton Bridge Wks. Ltd., Hamilton; steam beams, to Sarnia Bridge Co. Ltd., Sarnia. Archts. est. $150,000.

Material and Equipment

PROPOSED WORK

Road Roller — San Leandro, Calif. — Plans to purchase one 10 ton single cylinder motor road roller. J. J. Gill, city clk.

BIDS DESIRED

Rails—New York, N. Y.—Nov. 14, by Bd. Transportation, 49 Lafayette St., rolled manganese rail for Rapid Transit R.R.

Trucks, etc. — Cleveland, O. — Commissioner Purchases & Supplies in market for 2 Otterson mechanical sewer cleaners, 6 Ford trucks with dump bodies, 4 rotary snow brooms, 28 motor trucks of 2.5, 3.5 and 4 ton capacity, and 7 power road maintainers.

CONTRACTS AWARDED

Cement and Rock—Sacramento, Calif.—H. Hall, clk. Sacramento Co., 1,000 bbl. cement in connection with Paintersville bridge, to Cowell Lime and Cement Co., 2 Market St., San Francisco, at $3.22 per bbl.; 600 cu.yd. crushed rock, to Blake Bros., Balboa Bldg., San Francisco, at $2.90 and $3.05 cu.yd. Noted Oct. 16.